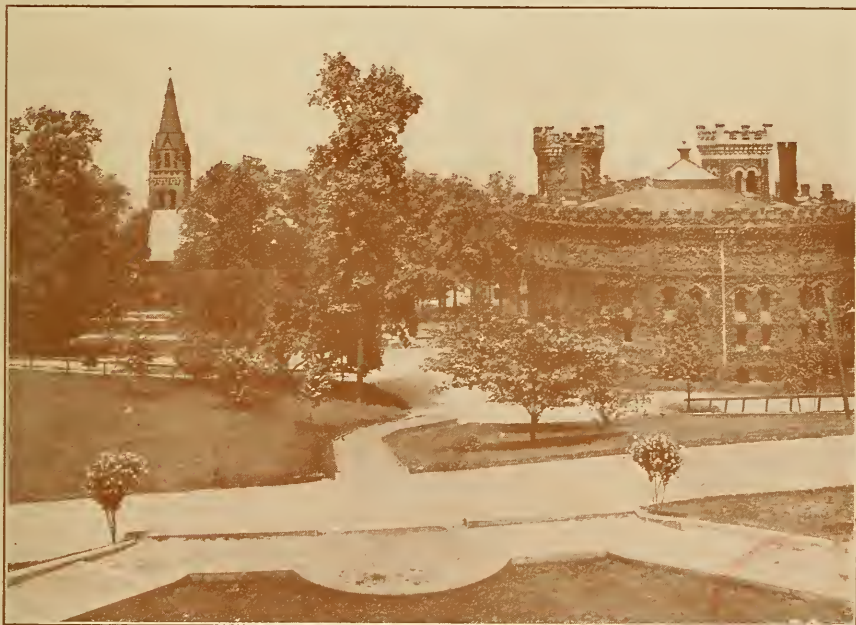


LEHIGH ALUMNI BULLETIN



CAMPUS VIEW

Packer Memorial Chapel

Linderman Memorial Library

VOLUME 11

APRIL, 1924

NUMBER 7

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Association of Lehigh University, Inc.

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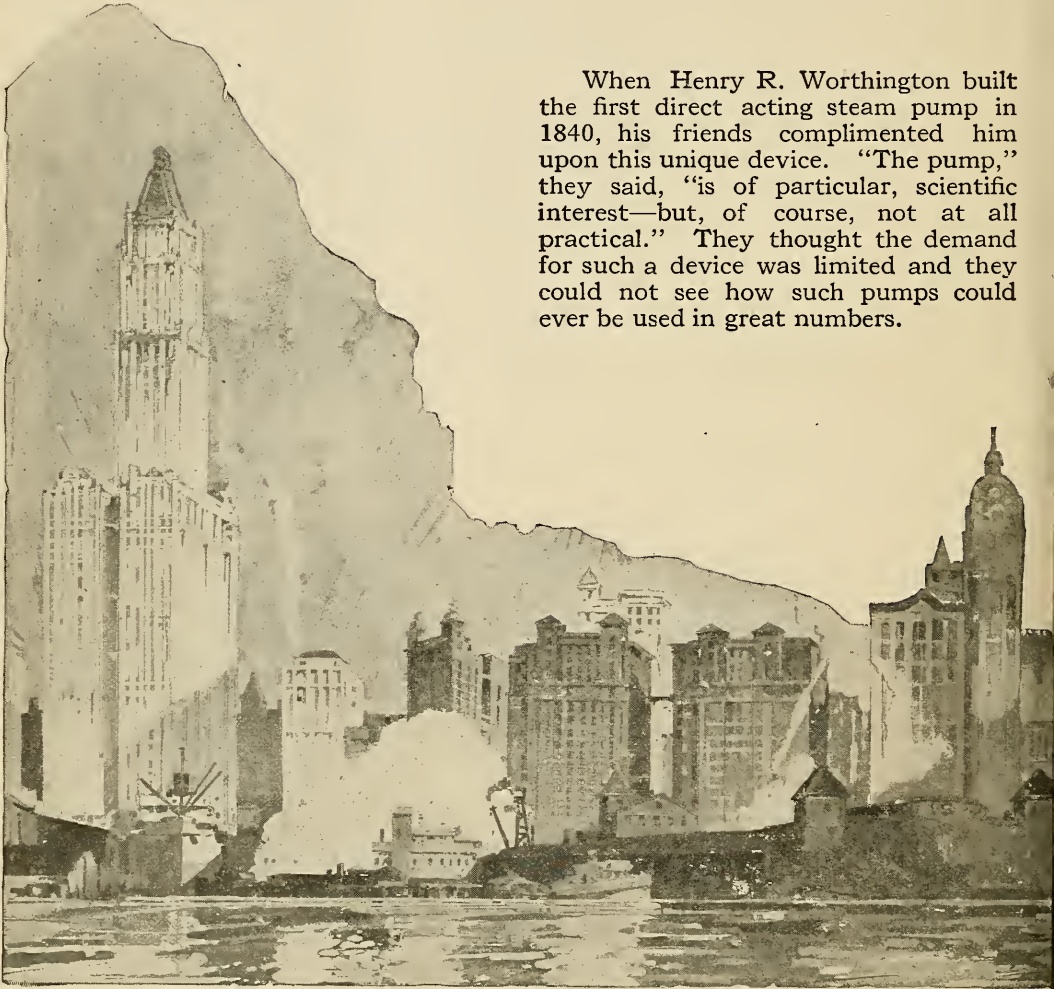
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1840

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When Henry R. Worthington built the first direct acting steam pump in 1840, his friends complimented him upon this unique device. “The pump,” they said, “is of particular, scientific interest—but, of course, not at all practical.” They thought the demand for such a device was limited and they could not see how such pumps could ever be used in great numbers.



WORTHINGTON



1924

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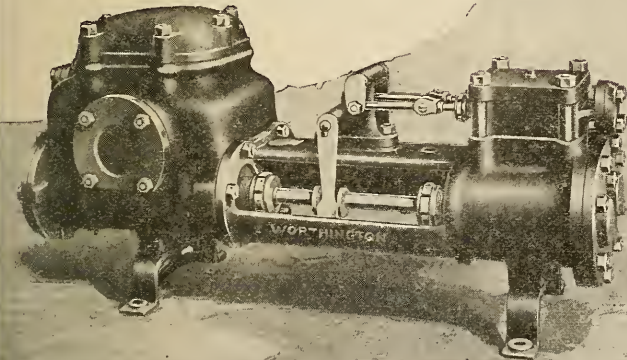
Today, Worthington pumps are found not only in factories, mines, ships and other such obvious places but in most of the large buildings of the country as well. Seventeen of the larger hotels of New York have Worthington pumps. In Chicago ten hospitals use Worthington pumping machinery, and sixteen of the largest buildings in Cleveland are similarly equipped.

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ALUMNI BULLETIN

OF

LEHIGH UNIVERSITY

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VOLUME 11

APRIL, 1924

NUMBER 7

NEWS AND COMMENT

Joint Committee on Athletics The Joint Committee on Athletics created by the action of the conference held on March 7 has come into being with the following membership:

Faculty—Profs. Palmer and Carothers, Dean McConn.

Students—George W. Hopkins, '24; Ralph E. Underwood, '24, and James M. Dignan, '24.

Alumni—A. E. Forstall, '83; R. S. Taylor, '95, and S. P. Felix, '02.

The personnel of this committee promises that the results of their study will be well worth the careful consideration of everyone interested in Lehigh athletics. The air having been cleared of misunderstanding by the conference of March 7 and everyone having been able to get his pet theory off his chest, we are all now able to await with patience the deliberations of this committee. The faculty elected their representatives and the Arcadia elected the student representatives. An election being impossible in the case of the Alumni, President Hudson appointed one man from New York, one from Philadelphia and one from Bethlehem, thus giving each of these large near-by clubs a say in the matter.

This committee has already held two meetings, one on March 26 and the other on April 2, just as we go to press. What will be the outcome of their study of the athletic situation has not yet developed, but doubtless before our next issue it will be made public and can be presented to our readers in the May BULLETIN.

As for the alumni, it is safe to say that the major part of us want two things: First, a good business administration of our athletics and second, clean teams. We pushed the whole matter of aid to athletes into the open three years ago and put it up for public gaze and criticism. The results of this experiment have convinced most of us that aid to an athlete is not a whit more necessary than aid to any other student. If a boy is poor and struggling

to get an education, that is enough. Being an athlete is no additional reason for giving him help nor is it a good reason for not giving it to him. However, if he can get through college without help from outsiders he is far better off. Certainly the idea that because he plays on a team he should be helped is one which in the long run will kill the very initiative and independence you should be trying to instill in him.

Our big problem, as I see it, is to eliminate completely this idea that winning teams can only come through subsidizing players. Victories won by this method are of no real satisfaction to any one with red blood in his veins. If we alumni are sportsmen ourselves, we will ask nothing more of our undergraduates than that they play their games as sportsmen, fighting to win, but caring nothing for a victory that must be won at the loss of self-respect. What boots it if others throw away their birthright in order to win a mucker's victory? That is no reason for us being equally asinine and trading our birthright of a sporting instinct for a mess of pottage composed of hypocrisy, lies and cowardice.

* * *

46 Memorial Elms As you leave Taylor Gymnasium and start west on the campus, you follow a straight road pointing directly at the tower on the new Alumni Memorial Building. President Richards, finding there is money in our Forestry Fund to be spent for planting, has conceived the splendid idea of placing on either side of this road rows of elms which in time will make a leafy archway and give a vista through which the impressive tower of the Memorial Building can be viewed.

In the World War forty-six Lehigh men gave their lives, so Dr. Richards proposes that this double row of elms shall contain just forty-six trees, each one dedicated to one of Lehigh's honored dead. Between each tree and the driveway will be sunk a concrete block on the top of which will be

a bronze plate giving the name and class of the man to whom the tree is dedicated.

The planting will probably be done this spring and if so, on Alumni Day these trees will be dedicated. It is proposed to place this ceremony immediately after the Alumni Meeting, which will be held in the new Memorial Hall. It will be a short walk on the level from the building to this double row of trees and after the dedication the walk to the Commons for luncheon will be shorter than the distance from the Memorial Building to the Commons.

Another reason for selecting this time for the dedication is that it is the one time when every returning alumnus is present. Some get in late Saturday morning and others leave early in the afternoon. But at noontime they are all on the campus and we do not want to have one missing at this ceremony.

* * *

Dedication of the Alumni Memorial Hall It had been hoped to dedicate our new building this June, but the delay in completing the work plus the equal delay in payment in full of all subscriptions has determined us to postpone this ceremony. We want the building to be complete *and furnished*, the grounds around the building graded, planted and with roads and paths in final shape and last, but not least, we want every dollar of the cost *paid in full* before we undertake to dedicate our memorial and turn it over to the University.

Our boys in France turned out a finished job. The many who lie underneath French sod "paid in full." I believe you will agree that we cannot dedicate our building until we can match in our small effort the complete fulfillment they showed in their great one.

* * *

Alumni Day, 1924 On June 6 and 7 the Lehigh clans will once again with skirling pipes and waving banners march on to Bethlehem. Once again the old-time enthusiasm will well up in a thousand breasts as they see the lofty trees and the smooth green sward of that campus they love. For another time they will shout their greetings to returning classmates unseen perhaps for ten or even twenty years. Belike the time will be longer still since they last laid eyes on this man, once a lithe athlete, now carrying over two hundred pounds, mostly around the waist line. Or that one once a retiring, timid boy and now a captain of industry. But what odds though time has

played tricks and bald heads gleam where once was hair as bushy as a Hottentot's or graying locks are seen instead of brown or black or red. Everyone's back, Jim and Tom and Jack and Bill. Strike up the band! "Hail, hail, the gang's all here."

Last year I sat at 88's class banquet and heard those men celebrating their thirty-fifth reunion tell of their experiences since they said good-bye in the spring of '88. Twelve o'clock came, one o'clock, two o'clock before they broke up. No joy like meeting the old gang, noting with surprise the great apparent changes and then as the strangeness gradually sloughs off, realizing that the old tricks and mannerisms, the old quirks of speech, the same old characteristics, good and bad, are still there just as they were in undergraduate days. Suddenly the years roll up like a scroll and you are all boys again. Is it worth coming back for? Boy, it's worth the time and money a dozen times over.

* * *

Class Guaranty Fund Say, you! When you start something good, something original, something well worth pushing and it goes over big the first year, do you usually drop it? You do not. You push it for all it's worth and pat yourself on the back as you see the second year's returns top those of the first year.

Well, you put over a big thing last year in the Class Guaranty Fund. For the first time the Alumni Association was established on a sound financial basis. It is safe to say that few, if any, associations in the country could show the per capita result that our's showed in dues and alumni magazine subscriptions paid last year. The impetus of last year's campaign was not lost. The Association followed up your efforts by steady work last fall and January found us far ahead of last year. Then we turned over the work to the classes. A few took it up with enthusiasm and those few are either over the finish line or close to it right now. The others have done nothing or next to nothing compared with their efforts last year.

Now, don't lose a good thing, boys, just because it means a little work. It is tire-some work, I grant you. Nobody knows that better than I do. I've had it every day for seven years. But it pays dividends of satisfaction if it is well done. To hold the class together, to cement old friendships, to create a working unit for the good of Lehigh—surely this is worth an effort. Here's hoping that in the May issue we can show every class over the line.

"First Call for Dinner in the Dining Car"

Saturday, June 7, is Alumni Day

GET THAT, LEHIGH!

GET IT STRONG, YOU REUNION CLASSES!

1869—55-Year Reunion
1874—50-Year Reunion
1879—45-Year Reunion
1884—40-Year Reunion
1889—35-Year Reunion
1894—30-Year Reunion
1899—25-Year Reunion
1904—20-Year Reunion
1909—15-Year Reunion
1914—10-Year Reunion
1919— 5-Year Reunion
1923—First Reunion

The Ball opens on Friday with a meeting of the Board of Directors of the Alumni Association at Noon, June 6. Then a meeting of the Alumni Council at 2 P.M., in Drown Hall. Dinner by the Lehigh Home Club at 7 P.M. Calculus Cremation at 10 P.M.

Then comes Saturday—**THE BIG DAY.** Alumni Meeting in the new Alumni Memorial Hall—Alumni Luncheon—Parade of Reunion Classes—Award of Cups—Baseball game—Reunion Class Banquets.

WHAT IS YOUR CLASS PLANNING?

ENDOWMENT CAMPAIGN

MARCH SHOWS IMPROVEMENT—BACK COUNTIES HEARD FROM
—DISTRICTS START FINAL CLEAN-UP—CLASSES EXPECTED
TO ORGANIZE FOR NEXT YEAR'S JOB

During the past three weeks a considerable improvement in number and amount of subscriptions has been shown. In fact, we received pledges of more than double the amount secured during the preceding three weeks. Also a large number of letters came in from alumni all over the country explaining why they had not yet subscribed and promising subscriptions later. These letters were largely in answer to personal letters I had written, it being my plan and intention to write to every Lehigh man who has not subscribed and continue to write him until I get some kind of a response from him. This is Lehigh's big hour. During the next three years we will determine pretty definitely what her future is to be. Three years is but an hour in the life of a university. During these three years every thing else in alumni activity must be subordinated to the one end—the fulfillment of our pledge to give our President the tools which he *must* have if he is to do the work we are asking of him and confidently expecting him to do.

The Record by Classes

For the first time we have compiled the record of subscriptions by classes. Up to this time our records have been entirely by districts, but lately there has been an insistant demand to know the class records. Accordingly they are presented on page 5, and they are most interesting. Perhaps the most outstanding feature is the record of the last four classes to graduate—'20, '21, '22 and '23. These four classes have furnished 408 subscriptions, or more than 21% of the total number of pledges from alumni. Their average subscription is fine. Without any men to swell the average with large gifts and with every man fighting to get his start in life, I expected an average from these classes of considerably less than one hundred dollars. To my surprise and delight, they have averaged to date, \$132. When you remember that in most of the other college campaigns more than half of the total subscriptions were \$100 OR LESS, this result speaks for itself.

It is interesting to note the classes that have made the largest gifts. As was to have been expected, the first ten lie between 1887 to 1900, inclusive. These were the golden years of Lehigh, when her faculty stood unrivalled among the engineering colleges. When all is said and done, it is the faculty which makes a college and it is their influence that not only shapes the future of the student body, but does much to crystallize among the men they graduate the deep and abiding loyalty which is so characteristic of the alumni of American colleges. Here, as I read it, are the ten highest classes in amount of gifts. Check me up in the table.

No. 1—Class of 1888
" 2—Class of 1889
" 3—Class of 1899
" 4—Class of 1896
" 5—Class of 1887

No. 6—Class of 1895
" 7—Class of 1890
" 8—Class of 1900
" 9—Class of 1898
" 10—Class of 1894

These ten classes have given to date slightly over \$840,000, or about sixty per cent. of the total alumni pledges. But this giving has been done by a small number of men. Only 333 men in these classes have pledged themselves. Many of this number are non-graduates. In these classes there are 570 living graduates, so that it is quite evident that almost half of the graduates have as yet made no pledge.

When you think on the one hand of the fact that almost fifty per cent. of our graduates are not yet subscribers and then note at the bottom of page 5 that a

ENDOWMENT CAMPAIGN RECORD BY CLASSES TO APRIL 1, 1924

| Classes | Number of Members | Number of Subscriptions | Percentage of Subscribers | Total Amount of Subscriptions |
|---------|----------------------|----------------------------|------------------------------|----------------------------------|
| 1869 | 1 | 0 | 0 | \$ 00.00 |
| 1870 | 3 | 1 | 33 | 1,000.00 |
| 1871 | 2 | 1 | 50 | 6,000.00 |
| 1872 | 2 | 1 | 50 | 1,000.00 |
| 1873 | 3 | 1 | 33 | 10,000.00 |
| 1874 | 4 | 3 | 75 | 1,150.00 |
| 1875 | 8 | 5 | 63 | 12,850.00 |
| 1876 | 11 | 2 | 18 | 500.00 |
| 1877 | 10 | 5 | 50 | 3,400.00 |
| 1878 | 10 | 5 | 50 | 6,400.00 |
| 1879 | 5 | 4 | 80 | 2,250.75 |
| 1880 | 9 | 4 | 44 | 1,300.00 |
| 1881 | 5 | 2 | 40 | 700.00 |
| 1882 | 6 | 5 | 67 | 2,600.00 |
| 1883 | 27 | 17 | 67 | 30,100.00 |
| 1884 | 18 | 9 | 50 | 6,700.00 |
| 1885 | 24 | 9 | 38 | 4,060.00 |
| 1886 | 34 | 12 | 35 | 23,400.00 |
| 1887 | 45 | 21 | 47 | 61,275.00 |
| 1888 | 63 | 25 | 40 | 212,833.00 |
| 1889 | 56 | 29 | 52 | 136,160.00 |
| 1890 | 66 | 29 | 44 | 57,205.00 |
| 1891 | 51 | 26 | 51 | 13,520.00 |
| 1892 | 46 | 27 | 59 | 15,595.00 |
| 1893 | 76 | 36 | 47 | 15,220.00 |
| 1894 | 70 | 36 | 51 | 39,910.00 |
| 1895 | 108 | 54 | 50 | 58,447.00 |
| 1896 | 101 | 49 | 49 | 76,575.20 |
| 1897 | 78 | 37 | 47 | 24,525.00 |
| 1898 | 90 | 39 | 43 | 40,515.00 |
| 1899 | 44 | 24 | 55 | 116,800.00 |
| 1900 | 64 | 27 | 42 | 41,245.00 |
| 1901 | 63 | 29 | 46 | 32,105.00 |
| 1902 | 48 | 21 | 44 | 28,030.00 |
| 1903 | 94 | 50 | 53 | 27,970.00 |
| 1904 | 103 | 56 | 54 | 28,360.00 |
| 1905 | 122 | 46 | 38 | 12,836.00 |
| 1906 | 117 | 53 | 45 | 21,160.00 |
| 1907 | 123 | 55 | 45 | 23,495.00 |
| 1908 | 146 | 60 | 41 | 23,090.00 |
| 1909 | 135 | 63 | 47 | 17,750.00 |
| 1910 | 153 | 78 | 50 | 23,240.00 |
| 1911 | 126 | 58 | 46 | 15,855.00 |
| 1912 | 130 | 58 | 45 | 15,665.00 |
| 1913 | 142 | 60 | 42 | 12,125.00 |
| 1914 | 128 | 60 | 47 | 11,438.00 |
| 1915 | 128 | 42 | 33 | 8,305.00 |
| 1916 | 139 | 57 | 41 | 7,101.00 |
| 1917 | 174 | 60 | 34 | 10,071.00 |
| 1918 | 141 | 65 | 46 | 10,221.00 |
| 1919 | 160 | 55 | 34 | 8,695.00 |
| 1920 | 188 | 91 | 48 | 14,145.00 |
| 1921 | 187 | 109 | 58 | 13,840.00 |
| 1922 | 236 | 107 | 45 | 15,720.50 |
| 1923 | 314 | 99 | 31 | 10,102.00 |

Totals 4437 1977 45 \$1,414,555.45

| | | |
|---|-----|------------|
| Classes of '24, '25 and '26 (former students) | 21 | 2,786.00 |
| Trustees (not Lehigh graduates) | 4 | 171,000.00 |
| Outside Donors | 408 | 169,902.00 |
| Rockefeller and Carnegie Foundations | 2 | 500,000.00 |

2412

\$2,258,243.45

number of ex-students of the classes of '24, '25 and '26 have already given, you get a picture of what Fred Allis, of Amherst, means by his expression, "giving capacity". He says this "capacity" does not depend on a man's *ability* to give, but on his *desire* to respond. It is safe to say that not one of these youngsters of the classes of '24, '25 and '26 who dropped out of college after a year or two (some of the men who gave were only here one term) has as much *ability* to give as have 90% of the graduates who have not pledged themselves. But they do have "giving capacity". It would almost seem as though in a few months at college they had imbibed more Lehigh spirit than some graduates have been able to get in four years.

The Work for the Classes

So far as few men in each district have borne the brunt of this campaign. They have worked nobly and faithfully. I am very proud of them. Not one district chairman has shirked, and most of them have given far more of their time, energy and money than any one had a right to expect. To be honest, I am ashamed to write to them to do more, for I feel that Lehigh is already indebted to them beyond measure. The great joy of this campaign was to witness an exhibition of loyalty, courage and determination such as Lehigh has never before aroused in her sons. This, coupled with the exceeding generosity of giving by the two thousand men who answered Lehigh's call for help, is enough to inspire anyone with great faith in the future of our campaign. This future must lie largely in the hands of the classes.

When June comes the districts will all have cleaned up their work. In June then, on Alumni Day, the classes should organize for the work of the coming year. This is the job of the men who have already subscribed. In every class thirty to fifty per cent. of the members are pledged. Pledged to what? To give a certain amount of money to Lehigh? That's only part of the pledge—the part that is written down. The real pledge which each man consciously or sub-consciously took when he signed his name, was to aid to his uttermost the securing of \$4,000,000 for Lehigh. We must not rest until this goal is reached. The more unattainable it appears, the stiffer must be our back-bone. It's only a question of faith and enthusiasm. Anything that man determines to do, within reason, he can do. Our President is meeting with fine courage and dauntless spirit *every day* complex problems which, for Lehigh's good, he *must* solve. Handicapped as he is, I often say to myself, "Well, this time he is stumped." But he never is stumped, because he won't admit failure. "It's got to be solved and solved right," is his slogan, and he proceeds to reach a solution "in spite of hell and high water."

We alumni must simply take a leaf out of his book. We must refuse to admit the possibility of failure. Perhaps a little of his unfailing sanity, his keen sense of humor, his great sympathy for and knowledge of the frailty of human nature, might help us as long as it don't divert us, as it never diverts him, from the running the course true and steadily towards the port of our desire.

"Business is business." But he who never lets service to the worthwhile things of this world interfere with his business has lost out completely in the battle of life. You men of Lehigh who have given of your money, now gird up your loins and prepare to give of your service. We are going to call on you to do your part in the campaign next year and the year after, if next year does not finish it.

This June we will meet in the new Alumni Memorial Building. Surely, as we sit there in its inspiring precincts, and realize what a splendid consummation our efforts of four years ago have reached, our determination will be steeled to be satisfied with nothing less than complete success in our present campaign. Perhaps, even in this age, where sentiment is taboo, we may feel just a little of the idealism that sent forth 1800 Lehigh men to battle for what they conceived to be a vital principle, and catch a breath of the high courage with which forty-six of these men kept their "rendezvous with death."

Lehigh Alumni Memorial

"For those who served and those who died."

Yesterday one of the *Brown and White* staff dropped in the office to get some news about the progress of the work on the Alumni Memorial Building. After I gave it to him, I suggested that he would be better able to write his story if he went through the building and offered to take him through. He took me up at once and accordingly I spent an hour pointing out to him the various features of the work on exterior and interior, and telling him how the building is to be used.

As we traversed the hallways with their arched vistas and went from one handsome office to another it began to dawn on me that we had here the finest administration building to be found among American colleges. In the details of finding the money and keeping the work moving I am afraid I had got into the state of mind where I could not "see the forest for the trees." As we passed into the spacious faculty club-room, and then into the magnificent Memorial Hall, the splendor of our accomplishment came home to me with force and emphasis. Then as we viewed the exterior, and I pointed out the beautiful stone with its color range from blue gray to golden yellow, with occasional browns and reds and drew his attention to the Indiana limestone trim carved into grotesque corbels and bosses, or into the foliated ornament of the English Gothic, I began to sense the beauty of line and proportion of this building, and to realize that I was looking at a building which expressed the spirit of Gothic architecture as few buildings I have seen in America do express it. Into my mind came, without conscious thought, memories of St. Thomas' on Fifth Avenue, New York, and the Harkness Memorial at Yale. Then consciously, I tried to think of some other building in Eastern Pennsylvania to match this architectural gem before me, and I could not think of one.

Underneath the scaffolding, which in three weeks will be removed, I could see the tower. In spite of the disfiguring and distorting effect of the timber covering, I could see the satisfying proportions, the deep recessing, the massive buttresses which will make this tower the outstanding feature of Lehigh's campus. For a moment the vision came to me of this tower in the moonlight of a summer's night, seen through the lacy foliage of the trees, and with a chime of bells high up

above the clock floor softly striking the hour.

One of the surprises of the many surprises of this building is its size. To tell the truth, no one of us realized what a great building we were raising or had any idea of the many uses its ample interior space will doubtless be devoted to. The basement especially is a revelation. We thought we were building a two-story structure as far as the wings were concerned. But now that the basement is finished we find that we have there another story almost as light and airy as the two above. Originally we figured on room for the supply bureau, storage space and cloak rooms. In addition we find we have four large rooms perfectly adapted for offices or work-rooms. Here is plenty of space for the administration offices for the Lehigh Institute of Research, which was unheard of when we planned this building.

The first floor in the North wing is one great room, 31 by 88 feet in dimensions, which with the ceiling beams curving down to the side walls, and ending at the bottoms of the curves in life size replicas of the heads of various alumni who aided in making this building possible. I grant you that they are not perfect portraits. All the better. Almost anyone can find one that looks as much like him as it does like anyone else. In the South wing are the offices of Dean, Bursar and Faculty, also the work-room of the University Accountant. A fireproof vault extends from the basement to the ceiling of the first floor with doors into the basement office, the Dean's office and the Accountant's office.

On the second floor in the North wing are the Alumni offices. First the big Alumni Room with no doors to shut it off from the hallway, for it will always be open in welcome to returning alumni. Here is their headquarters, their bureau of information, in short their office. Opening off of it on one side is the room for the Alumni Archives, and on the other side is the office of the Alumni Secretary and University Treasurer. In the north-west corner is the mailing and work-room for the staff of Alumni offices. In the South wing are the offices of the President and Vice-President and Comptroller of the University.

But the show-place is the Memorial Hall.

In the center, under the tower, it rises for three stories and you look up and up to the groining in the misty heights above you. Behind you is the great door through which you entered. Before you a magnificent carved marble staircase rising to the second floor. On either side extends the hall beyond the limits of the tower, although here the ceiling is only two stories above you. Along the second floor hall are arched openings with balustrades, over which the visitor can look down into this magnificent Memorial Hall. The groined ceilings and the walls are all of artificial Caen stone and ultimately will bear the bronze tablets telling the record of service and sacrifice of every Lehigh class in the world war. Other records of achievement in peace or war will find their place on these walls and eventually in the center

we hope to see rise a sculptured symbol of the Lehigh spirit exemplified by these records.

Here in the soft light from the lofty windows beneath the great and massive tower which rises in the memory of our dead, we can ponder on the world-old mystery of "whence comes this spirit of sacrifice that causes men to gladly lay down their lives for their fellows." Perhaps, as each new student passes through this hall to enroll himself as a Lehigh man, he will catch the spirit of those who have gone before, and when his time comes to serve and to sacrifice for the good of mankind, he will be found as ready, as loyal and as dauntless as were the men in whose memory this Memorial has arisen.

"SAUERKRAUT AND KINKS"

*"The time has come, the walrus said,
To talk of many things,
Of shoes—and ships—and sealing wax—
Of cabbages and kings."*

LEWIS DULING, '95, HITS THE TRAIL

(Editor's Note.—For many years Lewis S. Duling, '95, lived a quiet commercial life as an officer of the big wholesale shoe firm of Laird, Schober & Co., in Philadelphia. On his retirement from business a year or so ago romance hit him and he acquired an interest in a gold mining proposition in Nicaragua to which country he has gone, and in response to my request will write a few letters descriptive of his trip. Here is the first letter.)

(Letter No. 1.)

BONANZA MINES COMPANY
Mines: Pis-Pis District
Bluefields, Nicaragua

Neptune Mine, February, 1924.

Dear Okey:

Keeping my promise to you when in Philadelphia, I will write my experience in the mining regions of Nicaragua, where I am now located, about one hundred and sixty miles from the coast.

The transport and mail facilities are such that, though these letters are written consecutively, the last may reach you first, so I will number them as we do all our Company's mail and send the duplicates of the previous letter with the former number.

On my arrival in New Orleans I found the sailing date of the Cuyamel steamer "Managua" had been advanced two days previous to its advertised sailing. This shows how much the sailing dates of the steamers from the States to Central America can be depended upon. They have an advertised schedule of ten days sailings, but they are liable to leave within two days or eighteen days of their time. In the meantime you are hung up for a board bill of from four to fifteen dollars per day if you stop at the "Roosevelt," formerly the "Grunewald," now owned by Vacarro Brothers, who, I guess, are the richest individuals in that City, having many allied enterprises and all proved money makers. They catch you with the

hotel bills, they have a shipping line to Honduras, Cuba, and Jamaica, and are the owners of the railroads of the said countries, reaching to the banana, mahogany and cocoanut districts. While each individual industry is a separate organization, they hold the controlling interest, having advanced the money for the first promotion. They started originally with peddling bananas on the streets of New Orleans, so you see financial success can be attained if you stick to the right methods and always save a little more than you spend. After arriving at the boat, which was scheduled to leave at 11:30 in the morning, all loaded, and the officers anxiously pacing the decks waiting for their clearing papers, which had to be authenticated by the Cuban and Nicaraguan consuls, we finally pulled out about four o'clock in the afternoon, down the muddy Mississippi River with its many windings and turns, occupying about eight hours before we reached Port Eads at the junction of the river with the sea.

We had a very pleasant, calm trip as far as Cienfuegos, four days sailing, living on canned meats and canned butter, and my first introduction to the foods of the tropics, which consist mainly of beans and rice.

We had three passengers aboard besides myself. One a soldier from the United States Marines, whose enlistment had run out, and whose father runs plantations in the interior of this country. He was returning to his father and mother whom he had not seen for ten years. His mother had separated from the old man and was supposed to be living in Bluefields, but upon his arrival he found she was up the coast and he had to start a search for her. The second passenger was a traveling salesman, with a long line of samples, representing everything needed in our modern life, food, clothing, drugs, toilet articles, office supplies, machinery of all kinds; in fact he could supply anything that a merchant could ask for either from the samples he carried or from pictures of the line he represented. He was well versed in the customs of the country and had taken a prominent part in one of the several revolutions which they had here before the establishment and maintenance of the United States Marines at the seat of Government at Managua. I understand this body of marines from the States will be removed before January, 1925, and as we have a well established company in the district that is rich in mineral ores, should a new revolution arise we may need the protection of the American government to maintain peaceful working conditions.

The third passenger was a merchant of Bluefields and the legal guardian of the illegitimate child whose father owned and operated several of the veins which we are now working, and through whom we purchased the legal rights and titles to the same. He also was prominent in previous revolutions in this country, and is now flirting with the Government in control, and is a representative of the Liberal party, who are far in the majority, but unfortunately the elections (like many American elections) are not free of interference and it is hard to get the party ousted that is in power. This passenger's mission to the States was for the purpose of contracting for the purchase and delivery of the machinery necessary to establish an electric lighting plant, ice plant, aerated bottling establishment, and moving pictures. Concessions for these had been granted him from the present government for the period of thirty years, but he must show progress and be partly established within six months to retain this privilege.

The fourth party was yours truly, who proved to be a poor sailor, and much of the pleasure of a sea trip had to be dispensed with, as the bulk of his time was occupied in the hunk on the broad of his back, making an effort to retain the food he had consumed at the table. Only two days out of the six did I feel like pacing the deck and able to enjoy the good cigars purchased in Cuba at a reasonable price (less than half the price we pay for the same article in the States). Hoyó de Monterey and Partigas are retailed for ten and twelve cents a piece. The day we entered Cienfuegos proved to be one of my good days, hence the supply of cigars.

The harbor is beautiful and well protected, and the first sight of the town with its buildings painted in yellows, light blues and reds is very impressive. It is the very old Spanish well, with the plaza in the center of the town, well maintained and planted with the usual tropical vegetation and containing a band stand, occupied on stated occasions. Most dwellings have iron barred windows with lattice work inside, and the rooms arranged around a center called a patio. The police were very much in evidence and appeared efficient, but it is questionable how capable they really are. I suppose they are much needed, as about every fourth shop was a rum shop and a little fire water goes to the head of these natives

very quickly and their first weapon is a machete, with which they start to cut up each other. It seems every male carries one and it is used for domestic purposes as well as for warfare. It consists of a blade about two inches wide, sharpened on one side and about eighteen inches long, with a handle that gives a very firm grip, and can be handled by the natives so efficiently that they can make a toothpick, chop down a tree or hammer a nail with the same implement.

We left Cienfuegos after enjoying a good, well cooked meal at the Don Carlos hotel, with the usual customary cocktail to sharpen our appetite. The full course meal, with a half bottle of wine each, cost us about two and a quarter dollars. Our first night out we ran into a tropical gale and the little ship tossed and buried its nose in the waves which broke over the bow and finally stove in the port rail. I learned the next day as the wireless operator was making up his schedule that we had to alter our course to ride out the gale. I knew nothing of this at the time, as I laid in the berth and rolled and tossed with the ship, and did not eat my customary three meals next day. These boats of the Cuyamel fruit line pick up the Associated Press news at four o'clock each morning, and at stated intervals during the other twenty-four hours they wireless to each other their location, weather conditions and general information that is interesting to them or their Company.

We finally picked up the quarantine officer and Bluefields pilot who conducted us to the port of entry at the Bluff, which is about six miles from the mainland. Here each passenger had to make his declaration of dutiable articles in keeping with the list which he had prepared on the boat before landing. We were met by a very officious lot of officers and nothing escaped their notice. In fact it appeared to me there were five officials for each passenger, but I afterwards learned that many of them were merely inquisitives who wanted to know what the foreigner was bringing into the country. As I was known to the third passenger (a native) above mentioned and as our own customs agent was at the wharf, I was not delayed very long but was soon transferred to the little gas boat that carried me to the town of Bluefields, from which place I started my journey in Nicaragua.

Yours very truly,

LEWIS S. DULING, '95.

Making the Library a Work-room

THE APPOINTMENT OF H. S. LEACH AS LIBRARIAN MARKS THE BEGINNING OF AN EFFORT TO MAKE LEHIGH'S LIBRARY AS USEFUL AS IT IS ORNAMENTAL

By A. E. Buchanan, Jr., '18

WHAT'S that building, Oswald?" asked the proud father who had come to Lehigh to see his son graduate.

"Oh, that's the library, dad. We'll go past there on our way to the gym."

"It's a handsome building. Can we go in and look at it?"

"Well, I don't know. I guess maybe we can, although I never tried it. I suppose it will be all right to look in the door. Nothing there but a lot of books, anyway."

Maybe that's laying it on a little thick, but any Lehigh man will admit that he walked past the library much more often than he walked in. The building has been pointed out proudly and admired by undergraduates and visitors for nearly fifty years, but its part in the cultural development of the student body has been relatively unimportant. Yet nearly every

graduate finds that one of his first needs in the new job is access to a good library and a knowledge of how to use it. The "how to use it" is what he should learn at college. But with our "ancient and honorable" methods of running our library students have had little encouragement to use it. Lack of funds prevented the hiring of a librarian and making the necessary changes and improvements. One of the first uses of the income from our new endowment is to be the modernizing of the library.

The problem of making the library the cultural center of the University, and its use a fundamental part of every man's training, is a man-sized job. Therefore, a man big enough to handle it was sought, and has just been found. He is Howard Seavoy Leach, of Wesleyan, '13, and Princeton, '15. Mr. Leach will come to Lehigh



Here's a Door We Hope to Start Swinging

from the Princeton University Library staff, bringing with him a wealth of experience in the selection and purchase of books, general administrative duties and reference work. He is a member of the American Library Association, and is the author of several bibliographies and numerous magazine articles.

The Lehigh University library is acknowledged to be one of the most beautiful in America. It is an exact reproduction of a Norse castle in Sicily. It was erected by Asa Packer in 1877, at a cost of \$100,000, as a memorial to his daughter, Mrs. Lucy Packer Linderman. Built of Potsdam limestone, with granite ornamentation, it provides a reading room 40 to 50 feet, and houses some 150,000 volumes, besides current issues and files of 400 periodicals.

Besides being one of the oldest university library buildings, our library is unique among college libraries in two respects: it contains some exceedingly rare and valuable volumes and documents, and it lacks some of the best modern reference books and contemporary literature. This condition is due to the fact that there was a time when a surplus of funds for the extension of the library were available. During those years of plenty a number of valuable first editions and treatises of historical value were accumulated. As this surplus dwindled, the purchase of new books fell off, so that today the library is not as completely up-to-date in some branches of knowledge as might be desired. Since it will be some time before funds are available for any considerable purchase of books, it has been suggested that some of the more valuable relics be catalogued and sold, the proceeds being used for the purchase of up-to-date books which would be of practical value to students in the various departments. This is one of the problems that will be considered by the new librarian.

Another problem that will confront Mr. Leach will be that of providing sufficient reading space for the enlarged student body. The recommendations of the American Library Association include provision of reading space for 25 per cent. of the student body. At present, the available space falls considerably below this prescribed figure, although it might be made more adequate by throwing the alcoves open to undergraduates and by building new shelves to provide for a general rearrangement of the books.

This overcrowded condition applies to the books as well as to the reading space. Owing to lack of stack room, many books

have of necessity to be piled on the floor, so that it has been impossible to catalogue them properly. The basement contains a quantity of valuable reference material, some of which has been so long unused that it has been damaged by moisture. Here again is opportunity for the application of Mr. Leach's knowledge of library efficiency and the methods of restoring and keeping books in good physical condition.

In conjunction with the general rearrangement of shelves and books, it is probable that the present system of cataloguing will have to be completely revised. The present system was instituted before the adoption of a uniform, standard system by the American Library Association. The result is that the filing cards are of an odd size and the standard card which is furnished for new books by the publishers cannot be used. The advantages of a uniform system of cataloguing must be obvious to anyone who has occasion to search for specific information in a large modern library.

Mr. Leach will not take up his new duties at Lehigh until after the present scholastic year. In the meantime, constructive efforts to improve the library and guide its policies in the absence of a librarian, have been undertaken by a faculty committee. This committee is composed of one member from each of the major divisions of the University, with the President as ex-officio member. The present representatives are Prof. B. L. Miller, for the Physical Sciences, Prof. Neil Carothers for the College of Business Administration, Prof. Bradley Stoughton for the College of Engineering, and Prof. Charles J. Goodwin for the College of Arts and Sciences. It is proposed to include in the University budget a certain definite amount each year for the improvement and extension of the library. Each department will thus be kept advised of the funds available to buy books on the subjects in which that department is most interested.

It is probable that such a committee will continue to serve in conjunction with the new librarian, for the proper development of the library can only be accomplished by the co-operation of all those interested. Faced with problems, of which only a few have been mentioned, Mr. Leach will undoubtedly welcome the co-operation of faculty and undergraduates. Certainly he will tackle his worth-while job with Lehigh's best wishes for his success.

BISHOP ETHELBERT TALBOT

LEHIGH'S DISTINGUISHED TRUSTEE BECOMES PRESIDING BISHOP OF THE
PROTESTANT EPISCOPAL CHURCH IN AMERICA

By A. E. Buchanan, Jr., '18

"Now children, I have come to you from the Rocky Mountains. I am the Bishop of Wyoming and Idaho. That is my diocese. Can anyone tell me what a diocese is?"

The speaker was Bishop Ethelbert Talbot, and the question was put to a group of school-children in England where the Bishop was attending a missionary gathering in 1894. A fair-haired boy in a front seat rose with the ready answer:

"A diocese, my lord, is a district of land with the bishop on top and the clergy underneath."

Today, thirty years later, Bishop Talbot, endeared to additional thousands through twenty-six years as Bishop of Bethlehem, tops not only clergy, but bishops as well by his succession to the highest position in the Protestant Episcopal Church in America,—Presiding Bishop.

Bishop Talbot was for many years known as the "Baby Bishop" of the church, having been consecrated a Bishop at the age of thirty-seven. While he is now the senior Bishop of his church in rank, he is not the oldest in age, but in length of service.

He was born at Fayette, Missouri, October 9, 1848. He graduated from Dartmouth in 1870 and from the General Theological Seminary three years later. After being ordained as a deacon in the Little Church Around the Corner, in New York, he returned to his native Missouri and was ordained to the priesthood in St. Mary's Church, in Fayette, where he had been baptized and confirmed. From 1873 to 1887 he served as rector of St. James' Church, at Macon, Mo.

Bishop Talbot's interest in the Christian education for boys dates back to the time of the completion of his own scholastic training. He is the most experienced educator on Lehigh's present Board of Trustees, for he founded a school for boys, St. James' Military Academy, in Macon, at the very beginning of his eventful career. Under the guidance of the Bishop, as head-master, the Academy grew so rapidly that it soon demanded the greater part of his time. So deeply interested was he in his school and his

boys, that when the summons came to him to go west as the Bishop of Wyoming and Idaho, he hesitated for six months and finally decided to decline the proffered honor to abide by his chosen work. It was the then Bishop of Springfield, who had been Bishop Talbot's professor and dean at the General Theological Seminary, who persuaded him to recognize this call to a broader field. "Probably the thing your school needs most is a new head-master," he argued, shrewdly appealing to the natural humility of his former pupil. Thus was St. James' Academy deprived of the active service of its inspired founder, that he might move on to broader fields of service, carrying the rich message of decent living and christian service into the pioneer West. Perhaps it was as a recompense for St. James' and a reward for the splendid accomplishment that followed his sacrifice of personal desire that Bishop Talbot was enabled to again take an active part in the education of young men, this time as a Trustee of Lehigh. For twenty-six years his inspiring influence has helped shape the destinies of our University and thousands of Lehigh men have been guided by his kindly counsel and inspired by his splendid example. Leonard Hall, the handsome dormitory for theological students preparing at Lehigh, stands as one of the material monuments to his interest in, and his work for Lehigh.

The photograph of Bishop Talbot reproduced here tells its own story of the vigorous, thoughtful, benevolent personality of the man of God. It is to be regretted that a second photograph can not be shown of the same Bishop as a man's man. It might show him with a week's growth of beard, beside a camp-fire in the woods, a dog at his side, a pipe in his mouth and a Winchester on his knee. It might show him astride a frisky broncho in the company of some real dime-novel cow-boys and Indians, on his way across the plains to some mining camp miles from any railroad. It might show him in his clerical vestments, standing in the midst of an attentive group of miners, two-gun men, gamblers and ne'er-do-wells; a bar and a faro table in the back-

ground, reviving in those hard-boiled hearts the spark of Christian piety which smolders in every man.

"Underneath all life of passion," he says, "there are spiritual potentialities for the meanest; underneath all vice there is still something true, deeper than the deepest degradation there is still a hope unspeakable and full of glory. The cow-boy or the miner has sometimes but little religion to talk about, but he usually responds nobly to an appeal to his unselfishness, or generosity or courage. Let some misfortune befall a brother man, and see how quickly he will come to the rescue.

"If the minister is to be of any real help to men in such environment, he must first of all be a manly man, with a genius for service born of loving sympathy. It is the personal rather than the official touch that wins. Nay, is it not true always and everywhere that, back of the sermon and the ecclesiastical setting, there must

be the consciousness of a living man who really cares for his brother man and has a message which he fully believes in and yearns to deliver? The men of the mining camps and ranch towns in Wyoming and Idaho used to implore me to send them "a good mixer." As they interpreted that expression it was not far afield from a right diagnosis of what is needed everywhere. To do men good they must be met on their own ground. It is not a loss of dignity, but the truest dignity, to identify one's self with the sorrows, anxieties, and even with the joys of those whom it is an honor to serve just because they are men."

The new Presiding Bishop is not particularly concerned over the controversy

in the Protestant Episcopal Church which has its center in New York in the ultra-modernistic views of some clergy. He regards it as a passing phase which soon will be relegated to an insignificant place in history.

For many years, as chairman of the Joint Commission on Church Unity in the Episcopal Church, Bishop Talbot has been alert in furthering the movement on behalf of visible organic church unity. He believes, however, that it will be many years before the various communions can be brought together.

Bishop Talbot is fond of telling the story of Uncle Billy, the dusky janitor of his school in Macon, and the prayer the darky offered when "the per-fessor" was about to leave Missouri to become Bishop of Wyoming and Idaho.

"Be wid him, Lord, as he goes out to dat fur western land to preach the gospel to ebervcreecher. Be wid him in all his ways, in his gwine'-in and comin'-out. Fin-

ally, O Lord, we pray Dee to send down on de perffessor Dy sanctum sanctorum."

Questioned the following morning as to the meaning of the unusual and striking theological expression "sanctum sanctorum," Uncle Billy replied:

"Well, now, perffessor, you ax me a pretty hard question. I don't know's I kin 'zactly 'splain to you jest what I does mean by dat. But de Lord and me understands each other. He knows jest what I means. I means dat I wants de good Lord to send down on you de very best He's got on hand."

So interpreted, a generation of Lehigh men will add to Uncle Billy's petition a fervent amen.



BISHOP ETHELBERT TALBOT

COLLEGE AND ALUMNI NEWS

WRESTLING

Captain Warriner Wins 125-Pound Championship

Penn State won the Intercollegiate Wrestling Championship, scoring 22 points, with Cornell, Yale and Yehigh close contenders for second place. Cornell won second with 17 points, while Yale nosed out Lehigh with 15 points to Lehigh's 14. Pennsylvania was fifth with 4 points, Princeton sixth with 3 points, while Columbia failed to score a single point.

Captain "Dex" Warriner, son of S. D. Warriner, '90, came through in the 125 pound class and was proclaimed champion. Washburn won second place in the 135 pound class and "Freddie" Rogers took second place in the 145 pound class. It looked like a sure win for Burke over Rumbaugh, of Pennsylvania, in the bout for second place in the 195 pound class. Burke had a time advantage of seven minutes when seized by a sudden fainting attack. This caused him to default and thus Yale instead of Lehigh took third place.

The season as a whole was most successful. Lehigh had one of her best balanced teams, winning from Princeton, Yale, M. I. T. and Columbia, and losing close matches to Navy, Cornell and State. The outlook for next year is most promising as the Freshman team was a whale, going through the season without a defeat. These youngsters added to the excellent Varsity material which will still be with us next season should give "Billy" Sheridan his best chance in years to turn out a championship team.

| Schedule | L.U. Opp. |
|---|-----------|
| Jan. 19—Princeton | 29 0 |
| Jan. 26—*Navy | 11 16 |
| Feb. 16—*Yale | 16 11 |
| Feb. 23—Cornell | 9 11 |
| Mar. 1—State | 6 12 |
| Mar. 8—*M. I. T. | 12 8 |
| Mar. 15—Columbia | 21 5 |
| Mar. 21-22—Intercollegiates. (See above.) | |

* Indicates games away from home.

Manager—A. J. Hottinger.

Captain—R. D. Warriner.

Coach—W. Sheridan.

SWIMMING

Lehigh won third place in the Eastern Collegiate Swimming Association. Rutgers won with a total of 41 points. Johns Hopkins was second with 33 points. Lehigh was third with 13 points and Swarthmore last with 10 points. Raleigh, a Freshman, was the only Lehigh man to take a first place. He won the championship in the 150 yard back stroke competition. Travis, of Lehigh, was second.

Lehigh was unfortunate in having its relay team disqualified because of beating the touch on one of the turns as they had a good lead up to that point. This cost some points and more were lost through the

fact that Astarita and Childs had an off day in their diving. However, even with the best of luck we could not have taken second place from Hopkins.

BASEBALL

Over a hundred men answered the call for baseball candidates, showing the popularity of this sport. The squad has now been cut to one-third of this number and it is beginning to be possible to size up the prospects for the season.

Battery candidates include Captain Adams, who will undoubtedly play in the outfield when not pitching, as he is a heavy batter and a sweet fielder. Dubois, who pitched one no-hit game last year and a twelve-inning game against the hard-hitting Boston College team, is one of the best bets for this position. McKenzie, a Senior, who has not been out before, looks like a real find as a pitcher. Prior, last year's mainstay behind the bat, will have real opposition in Nevins, a Freshman. "Buddy" Lingle, another Senior, captain of this year's basketball team, looks equally good either on first or third. "Freddy" Rogers has played first as well as in the outfield and is a hard hitter. Kirschner, from last year's team, and Ambler, who was ineligible last year, look good at short and second, while Mell, a Freshman, has the makings of an infielder. Hayes, another Freshman, looks like a find. He hits the ball squarely on the nose and lines them out in a way that promises many unpleasant moments for opposing pitchers. He will try for an outfield berth as will those two veterans, Howard Hess and "Hoddy" Merrill. Hess is a finished fielder and a good hitter and looks to be sure of a place. There are a lot of other promising candidates and Coach Baldwin expects to turn out a strong team.

Schedule

J. M. Degnan, Jr., Manager.

Robert Adams, Captain.

James Baldwin, Coach.

| |
|------------------------------|
| Apr. 8—Ursinus. |
| Apr. 9—Gettysburg. |
| Apr. 12—Muhlenberg. |
| Apr. 16—Univ. of Penna.* |
| Apr. 17—Univ. of Maryland.* |
| Apr. 18—Univ. of Virginia.* |
| Apr. 19—Washington and Lee.* |
| Apr. 23—Dickinson. |
| Apr. 26—Seton Hall. |
| Apr. 30—Fordham University.* |
| May 3—West Virginia. |
| May 7—Rutgers. |
| May 8—Pittsburgh. |
| May 10—Lafayette.* |
| May 14—Villanova. |
| May 17—Lafayette.* |
| May 21—Princeton.* |
| May 24—Lafayette. |
| June 7—Bucknell. |

* Indicates away.

LACROSSE

Coach "Bill" O'Neill arrived about the middle of March and a host of candidates responded to his call. Graduation made inroads on the personnel of last year's team and several members of the team now in college will for one reason or another not be in the line-up. "Bill" Springsteen is trying for the baseball team, evidently hoping to annex another letter to add to the three won in football, basketball and lacrosse. Greer cannot spare the time from his studies and don't want to take any chances in not being among those present when the call for football is sounded next fall. But Coach O'Neill says he never had such a bunch of willing workers and refuses to be discouraged over the outlook. He figures on a good team this year, but not a championship one. However, the canny Scot is looking ahead to next year and is working the youngsters hard with a view to another flag in 1925. Remembering his past success, we would not be surprised to see Lehigh put up a strong fight this year in spite of the green material.

Schedule

J. Boyle, Jr., Manager.
W. T. O'Neill, Coach.

- Apr. 5—N. Y. Lacrosse Club.
- Apr. 12—Rutgers.*
- Apr. 26—Univ. of Maryland.
- May 3—Swarthmore.
- May 7—Stevens.*
- May 10—Mt. Washington.
- May 17—Univ. of Pennsylvania.
- May 24—Johns Hopkins.*

* Indicates away.

TRACK

The material for the track team looks especially good this year, for in addition to many veterans of one or more seasons experience there are many new men who have shown considerable ability. Over one hundred candidates have indicated to Coach Kanaly that they will try for a place on the team. Men for the middle distances and field events are especially needed and it is hoped some of the new men will show ability in these classes. Lehigh has been consistently weak in track for years, due probably to the fact that lacrosse and baseball take many of our best athletes, but with a thousand men in college, a fair team, at least, is a possibility.

Schedule

J. M. Carol, Captain.
M. E. Kanaly, Coach.
Stanley L. Hauser, Manager.

- Apr. 5—Inter-Class.
- Apr. 12—Dickinson.*
- Apr. 25-26—Penn Relays.*
- May 3—Univ. of Delaware.
- May 10—Lafayette.*
- May 17—Rutgers.
- May 23-24—Intercollegiates.*

* Indicates away.

TENNIS

The tennis candidates have started indoor practice in Camp Coppee and Taylor Gymnasium and will continue their work indoors until the outdoor courts are hard enough and in condition for use. Forty-five men have answered the call up to date and from this large number, excellent prospects for a good team are entertained. There are four regulars left from last year's team and with these men as a nucleus around which to work a well balanced and aggressive team should be turned out.

Schedule

G. Koegler, Captain.
K. Donaldson, Manager.

- Apr. 12—Phila. Col. of Osteopathy.
- Apr. 23—Gettysburg.
- Apr. 25—Fordham.*
- Apr. 26—Army.*
- Apr. 30—Rutgers.
- May 2—George Washington.
- May 3—F. and M.
- May 9—Catholic Univ.*
- May 10—Navy.*
- May 14—Princeton.*
- May 16—Brooklyn Poly.
- May 17—Pennsylvania.
- May 21—Lafayette.
- May 23—New York Univ.
- May 24—Lafayette.*

* Indicates away.

NEW TEAM CAPTAINS

Hess to Lead Basket Tossers and Astarita the Swimmers

Harry Charles Hess, '26, of Massillon, O., has been elected captain of the basketball team for next year. Hess has been a star forward for two years. Incidentally he has the makings of a great halfback in football if the jinx that has pursued him lets him go through one season without injury. He is a member of the Delta Tau Delta Fraternity.

Francis Sandford Astarita, '25, of Asbury Park, N. J., is the new captain elected by the swimming team. Astarita is a clever diver and has been a member of the team throughout his college course. He was a substitute quarterback on last year's football team. He is a member of the Alpha Chi Rho Fraternity.

LEHIGH FENCER WINS

FROM LAFAYETTE MAN

Lewis Charles Elliott, Jr., of Lehigh, won the individual honors in an informal fencing meet held between Lehigh and Lafayette in Taylor gym to determine the individual champion. It was a return meet. Elliott eliminated his most dangerous opponent in the first round when he defeated Richards, of Lafayette, who carried off the individual honors in the first meet held at Easton a short time ago.

Lovell, Lehigh, won second place, and Delin, Lafayette, third, in the round robin contest after the second round.

DEAN ISSUES AVERAGES FOR FIRST TERM

The scholastic rank of the living groups for the first term 1923-24 at Lehigh University was given out April 1st from the Dean's office. These figures were obtained by averaging the weighted averages of the men in each group. The letter grades were evaluated as follows: A=5, B=3, C=2 and D=1. Because of the rarity with which A's are given out they are awarded a bonus of a point which is statistically justifiable.

The general average of all students in college on this basis is 1.8, which corresponds to about 68. Within each rank the arrangement is merely alphabetical. The results, with rank, average and Group or Groups, is as follows:

- 1, 2.7, Leonard Hall.
- 2, 2.3, Taylor Hall, B; Theta Delta Chi; Delta Theta.
- 3, 2.2, Taylor Hall, A; Town Group.
- 4, 2.1, Kappa Alpha; Taylor Hall, E.
- 5, 2.0, Delta Tau Delta; Taylor Hall, D.
- 6, 1.9, Delta Upsilon.
- 7, 1.8, Alpha Chi Rho; Price Hall; Taylor Hall, C.
- 8, 1.7, Chi Phi; Pi Lambda Phi; Sigma Chi.
- 9, 1.6, Alpha Tau Omega; Delta Phi; Kappa Sigma; Phi Sigma Kappa; Sigma Alpha Mu; Sigma Nu.
- 10, 1.5, Beta Theta Pi; Chi Psi; Sigma Phi; Sigma Phi Epsilon; Theta Xi.
- 11, 1.4, Phi Delta Theta.
- 12, 1.3, Phi Gamma Delta; Psi Upsilon.
- 13, 1.2, Theta Kappa Phi.

From these figures attention is called to the fact that only six out of the twenty-four fraternities are up to or above the average, and all but two below the town group. The scholastic average of the dormitories are equal to or above the general student average. In ranking the averages according to classes, the Seniors lead with an average of 2.2, the Juniors second with an average of 1.9. The Freshmen nosed out the Sophomores, having a 1.7 average against 1.6 of the class of 1926. The marks were also averaged according to courses, as follows, giving rank, average, course and number of students:

- 1, 2.0, B.A. (171).
- 2, 1.8, Ch.E. (109), Met. (39), M.E. (143), Bus. (193), E.M. (79), E.E. (154).
- 3, 1.6, C.E. (114)
- 4, 1.3, Mar.E. (18).

LEWIS WRESTLING CUP IS AWARDED TO REED

"Jimmy" Reed, '27, was awarded the R. A. Lewis wrestling cup at a banquet given to the team by the donor of the cup, at the Hotel Bethlehem. Mr. Lewis is Superintendent of the Bethlehem Steel Co. and has a boy in the Freshman Class at Lehigh, who, by the way, was the 135-pound representative on the Freshman wrestling team.

Last month Mr. Lewis gave the Athletic Committee a cup to be awarded to the

most deserving member of the Freshman wrestling team. Though the manner of giving the cup in future years has not yet been fully decided, it is probable that the winner's name will be placed on it and the cup be kept in the Trophy Room of the gymnasium. Reed, who wrestled in the 115-pound class, won all his bouts, five by falls, and the other by decision.

"PANCHITA" CAST

SELECTED AT LAST

Mustard and Cheese Production to be Very Elaborate—Many Novelty Numbers

Rehearsals for the coming musical comedy, "Panchita," to be given by the Mustard and Cheese Dramatic Association on April 28, are progressing very nicely and for the present they will continue every Sunday, Tuesday and Friday afternoon. Max Gleen, '24, and R. E. Underwood, '24, are writing music and lyrics that will be used in the production. These numbers, and all other numbers used in the comedy will be orchestrated by Corbeau, who did the same work last year with excellent effect.

"Jim" Boyd and "Perry" Piersol, veterans of last year's musical comedy, are perfecting a few specialty dances which will score a success even greater than that received last year. H. Huerra will be a new attraction this year in his novelty dance numbers. Spanish songs and dances are being composed and arranged by Price and these will beyond doubt create a favorable sensation. Those who were selected for the cast are as follows:

| | |
|--------------------------|---------------------|
| Oliver Denton..... | "Bob" Dalgleish |
| Conrad Forest..... | "Fred" Colclough |
| Maurice Groussot..... | "Ed" McCance |
| Loulou | "Ollie" Zurn |
| Ferrand | Irving Miles |
| Mr. Harkins..... | "Jimmy" Leib |
| Mrs. Harkins..... | George Koegler |
| Hilda Harkins..... | Irving Broads |
| Sir Reginald Dudley..... | Gordon Ridsdale |
| Pierre Sandrini..... | Harry Miller |
| Panchita | "Fred" Norton |
| Celina..... | C. Taylor Cornelius |
| Matador | George Cornelius |

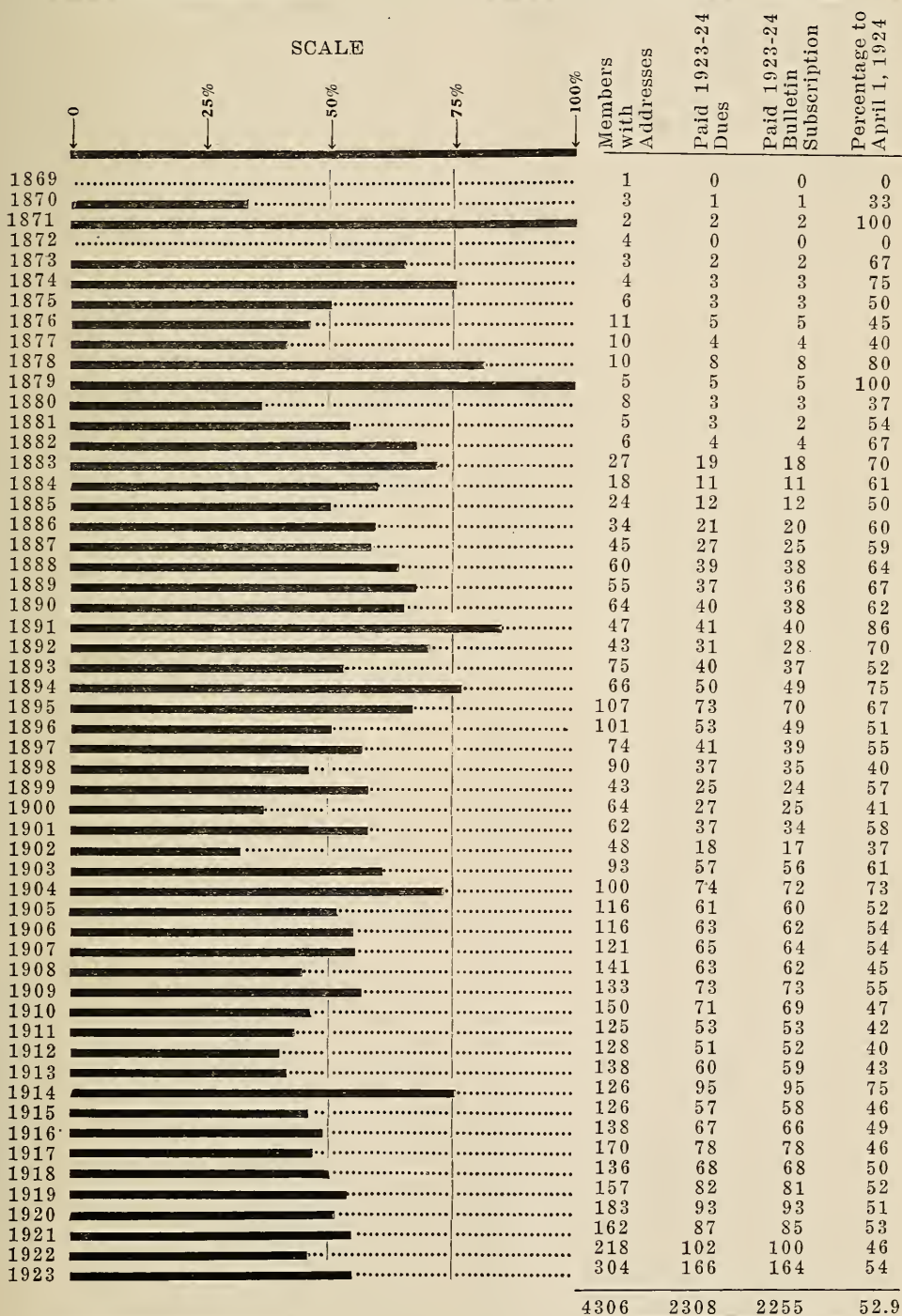
MINERS TO TAKE SUMMER TOUR

To Make Automobile Inspection Tour of Mining Districts in the Northeast

The Department of Mining Engineering of Lehigh University is again conducting a tour of the more prominent mining districts of northeastern United States and southern Canada, with the object of broadening the outlook of the mining students as to the industry which they expect to follow. The geology of the regions traversed, and the production of non-metallics, such as oil and gas, will also be studied.

The party will be conducted by Professors Howard Eckfeldt and Ralph Bartlett, and it is hoped that Professor "Harry" Fretz, of the Department of Geology, will

CLASS GUARANTEE PLAN STANDING OF CLASSES, APRIL 1, 1924



also be a member of the party. The automobiles will carry equipment for camping and cooking, making them independent of accommodations along the way. The camping will be done in the various public camping grounds, and along the lakes and streams in the region traversed. The drivers and mechanics will be selected from the members of the party, thereby reducing the expenses of the trip.

The expenses of the trip per man is to be estimated at about \$225, of which \$150 is the direct cost of the trip, and the rest to cover incidental expenses along the way. The number of men is limited to forty, priority being given to the students of the Mining and Metallurgical courses as being those to whom the trip would be of the most benefit. The trip will start on

the second of August and continue for about six weeks, returning in time for preparation for the re-examinations.

The major points of interest along the way will be the anthracite coal regions near Scranton; the glass factories and salt mines in New York; the silver, gold and nickel mines in Canada; the iron mines at Marquette; copper mines of the Keweenaw Peninsula; the lead and zinc district of the Northern Mississippi Valley; the bituminous coal districts of Northern Illinois; the quarrying of building stone in Indiana; the oil and gas wells in Illinois and Ohio; the coking of coal near Pittsburgh, and the iron mines near Cornwall, as well as the various institutions along the route.

NEWS OF THE ALUMNI CLUBS

NEW YORK LEHIGH CLUB

Dinner to Clifford M. Holland, Engineer of the Vehicular Tunnel

The second meeting of 1924 was held by The Lehigh Club of New York at the Machinery Club in New York City, on Monday evening, March 10. About 150 of the faithful few braved the March winds and spent a very enjoyable evening.

Mr. Robert E. Condon, President of the New York Junior Board of Trade and Transportation, spoke on the business and professional man's place in civic development. In outlining his speech he brought forth many interesting facts regarding the lack of interest and action of the average business or professional man in his community. He spoke particularly on the necessity of bringing the younger man in business into closer contact with the bigger executive, and at the same time suggesting that the younger man desires to enter into business affairs as well as national affairs with a better understanding of the subject, and that the New York Junior Board of Trade and Transportation in conjunction with the Junior Chamber of Commerce was endeavoring to bring this idea to realization.

Dr. Richards was then introduced by Morton Sultz, '12, President of the Club; he spoke for a few minutes on the tests conducted under his supervision at the University of Illinois on the ventilation of the vehicular tunnel under the Hudson River. Dr. Richards stated some very interesting facts regarding the manufacture of the cast iron sections and the bolts used in the construction of the shell. About two-thirds of the sections and the same number of bolts were manufactured in Bethlehem by the Bethlehem Steel Corporation, and that the testing of the materials was being done in the Fritz Laboratory at Lehigh University. Dr. Richards then introduced Mr. Clifford M. Holland, the Chief Engineer in charge of all the

executive work, and engineering of the New York-New Jersey vehicular tunnel.

In introducing Mr. Holland, Dr. Richards stated that Mr. Holland was graduated from Harvard University with the degree of A.B. in 1905, and with the degree of B.S. in Civil Engineering in 1906. Since that time he has been in charge of subaqueous tunnel construction. Since 1919 he has been the Chief Engineer of the New York-New Jersey vehicular tunnel, which is being constructed under the joint commission of the New York Bridge and Tunnel Commission and the New Jersey Interstate Bridge and Tunnel Commission. Mr. Holland was given a very enthusiastic reception, indeed, by the Club. Before going into the actual construction and design of the tunnel, Mr. Holland gave a resume of what led up to the building of the tunnel. The Commissions were originally charged with the investigation of a bridge over the Hudson, but were later vested by the legislatures of each state to investigate the possibilities of tunnel construction. In 1919 the investigation was completed and the tunnel method was adopted.

The general method of construction, including the sinking of caissons and the driving of the tunnel was gone into very thoroughly by Mr. Holland and his talk was completely illustrated by lantern slides. A comparison may illustrate the vastness of the work. The East River tunnels have a bore of 18 feet, while the vehicular tunnels under the Hudson River have a bore of 30 feet. The tunnel shield is being driven by hydraulic jacks. Mr. Holland stated that the ventilation problem was one of the most important that had to be solved in the tunnel design. In order to force the air through the complete length of the tunnel, it would require a velocity of about 90 miles per hour, which, of course, would be prohibitive to transportation. However, it was overcome by putting a duct underneath the roadway

with an outlet on each side running the entire length of the tunnel. The outlet is so designed that an equal pressure is distributed throughout the entire length. The air is drawn up through the passage-way into the top of the tunnel and then drawn out through the pumping stations. Five thousand horsepower will be developed by the motors driving the ventilating fans. The total cost of the tunnel project will be approximately forty-two millions of dollars and it is estimated that the tariff will enable the project to pay for itself within a period of nine years. The meeting was concluded with short talks by C. W. Hudson, '89, President of the Alumni Association, and Thaddeus Merriman, '97, Chief Engineer of the Board of Water Supply, New York City, which were appropriate as well as complimentary to Mr. Holland.

W. N. RORER, '12.

PITTSBURGH LEHIGH CLUB

Dr. Richards Given a Birthday Party

Pittsburgh held its annual dinner at the University Club on Saturday, March 22, and helped Dr. Richards celebrate his birthday. He was presented with a huge birthday cake by George H. Neilson, '85, the Pittsburgh Club's perennial toastmaster, who asked the Doctor to cut the cake so that every Lehigh man might take a piece home and dream on it. Dr. Richards made his birthday wish, "that our dreams for Lehigh may come true," then everybody "cut himself a piece of cake and made himself at home," as the song goes. Incidentally it was mighty good and the Doctor's birthday is really March 23, which was Sunday.

Besides President Richards the guests (and speakers)—are not all guests speakers?—were Prof. Bradley Stoughton, Head of the Department of Metallurgical Engineering, and D. M. Petty, '09, Chairman of the Alumni Committee on Athletics. Petty said he wanted it made clear that his committee was what is stated above and not the Athletic Committee, which is an entirely different organization. There you are, "Dave".

Perhaps it was because it was a birthday party or perhaps because—well anyway it was very much of a family affair. Everybody came early and stood around downstairs in the lobby renewing friendships and talking of old times so long that George M. Baker, '07, the Club's efficient secretary that was,—s'fact he lost it, see below—had to threaten them with no dinner if they did not come upstairs. The singing was punk, not because Balderson, '23, did not make a good leader, but because no one could be found who would admit to even a passing acquaintance with a piano. The dinner is over now, and your correspondent is back home pounding this out on the Underwood, but he'll wager that at least half of the crowd are still there in the lobby where he left them trying to decide just the exact number of yards of

"Billy" Cahall's longest field goal, or other equally important points.

Before introducing the speakers, "Nelly" Neilson announced the following officers for the ensuing year:

President, H. D. Wilson, '01.

Vice-President, G. M. Baker, '07.

Secretary, Ed. Stotz, Jr., '20.

There being no opposition, the formality of a vote was dispensed with and the "de facto" government went into power.

The Toastmaster told a good story about vice-presidents. He spoke from experience, as he is Vice-President of the Braeburn Alloy Steel Corporation. He presented his first victim in a few telling sentences—and if you know Neilson, you know what this means—and then retired from the field. Lehigh's President, Dr. Charles R. Richards, who was this first speaker, spoke on the subject, "Federal Control of Education," after which he concluded with a brief report of Lehigh's accomplishments in the past year. Your correspondent is no stenographer, so he begs the indulgence of Dr. Richards and the other two speakers if he misquotes them or otherwise credits them with saying things they did not say, in what follows.

Dr. Richards made a corking good speech ("scholarly address" is probably the proper term), and it is too bad it was not recorded and broadcast or otherwise preserved and more widely disseminated. He opened with a graceful tribute to one of Pittsburgh's distinguished citizens, Andrew W. Mellon, the Secretary of the Treasury, and expressed admiration for Mr. Mellon's efforts to obtain reduction in taxation. He went on to say that as public education was paid for by taxation, he believed all his audience would be interested in the trend toward Federal control of it aside from the fact that as college men anything concerning education should interest them.

Common school education in America was shown to be high when compared with European standards, but low in comparison with what it might have been. Furthermore, in the matter of illiteracy, America stands twelfth among the nations of the world, which is much lower than the average person would suppose.

The speaker then traced the beginnings of Federal activity in education, which commenced some time after the birth of the Union, with agitation largely on the part of farmers and farm groups, and culminated in the land grant or agricultural colleges.

Further Federal activity resulted in the U. S. Bureau of Education in 1867 and in 1890 the Agricultural Experiment Stations. Enormous good has come from the latter. Various acts in the last two decades have increased tremendously the appropriations to the Experiment Stations and the Agricultural Colleges and widened the scope of their work. Extensive agricultural extension work is now carried on by the government.

The Smith-Hughes Act for Vocational Education, passed five years ago, was described as the first educational legislation to contain that "prize package" device known as a 50-50 appropriation. This feature means that the government appropriates a certain sum which is to be met by an equal appropriation by the State in which it is to be expended. In this way people are deluded into believing that they are getting something for nothing. Furthermore, it is probable that the larger States (in population) are paying out in this way vast sums to pay for work in other states. In other words, it costs Pennsylvania more to do this educational work through the government than it would cost to do it alone.

Now before Congress is the Sterling-Green Bill which, under the name of Smith-Green Bill, has failed of passage several times. Passage of this bill will mean a definite assumption of control of secondary education, which control is now in the hands of the states or political subdivisions. By the provisions of the bill a Secretary of Education sitting in the Cabinet as the head of a U. S. Department of Education will be created. Dr. Richards believed that the insidious feature of this bill was the proposed appropriation of 50 millions annually (out of a total of 100 millions carried by the bill) for the equalization of educational opportunities. This provision, which like all other appropriations of the bill, is to be met by an equal appropriation from the States, is in effect a teachers' bonus. While granting that teachers as a class were underpaid, Dr. Richards did not believe that they were entitled to a bonus any more than any other class of workers would be. Furthermore, he said that as the teachers of the country were supporting the bill, there threatened to develop a teacher bloc. The other 50 millions provided by the Sterling-Green bill are to be devoted to illiteracy, Americanization, physical education and teacher's training.

In closing, Dr. Richards spoke of the need for more fearless statesmen of the type of Mr. Mellon, who can tell us the facts without bias or desire for political gain.

Professor Stoughton, who was the next speaker, told of Lehigh's ideal location for metallurgical work and expressed the hope that some day it would have the outstanding school of metallurgy and metallurgical research in the world. He told of the co-operation of the Bethlehem Steel Co., the New Jersey Zinc Co., and others in permitting trips through their plants. He paid a tribute to the earnestness and ability of the students under him.

Professor Stoughton also described the educational methods of his department and expressed the view that shop visits were to be preferred to vocational co-operative courses for students of metallurgy. The present system in the Department of Metal-

lurgy was explained to be the subdivision of the work into Theory, Shop Visits, and Laboratory. Lehigh's well known "Met" problems were paid the compliment that they "made the student think," which was essential for, the speaker added, that in his return to teaching he was surprised to find how "impervious the average youth was to the absorption of knowledge."

D. M. Petty, '09, told of the work of the Alumni Committee on Athletics, and described the present athletic situation at Lehigh, particularly relating to football. Speaking of new athletic material, he believed that each alumni club could help by looking up High School and Prep School material in their neighborhood.

The meeting officially closed with the singing of the Alma Mater. Unofficially it is probably going yet—as we said before.

EDWARD L. FORSTALL, '20.

LEHIGH MEN IN THE LIMELIGHT

In the Sunday edition of the *New York Herald-Tribune* of March 23, there appeared a four-column article about E. G. Grace, '99. It was illustrated by a picture of Grace and his wife. This article told the story of his spectacular rise from a crane-man at \$1.80 a day to President of the Bethlehem Steel Co. at the age of 36. All Lehigh men know the story, so it is not necessary to repeat it, but one or two extracts will be interesting:

"The hard sense of Grace, the 'balance' which distinguished him, showed clearly in his record at Lehigh University. He began making a mark in athletics from the start, but he also had time to win the mathematics prize in his Freshman year and later to win the Wilbur scholarship, one of the highest honors in the college. He graduated as an electrical engineer and was valedictorian of his class."

"The most spectacular thing he did there (at Lehigh) was to create, out of material more or less limited in comparison with the larger colleges, a baseball team that cleaned up Yale, Harvard and Pennsylvania."

In the *Cincinnati Times* of March 15 appeared a splendid picture of Herman Schneider, '94, Dean of the College of Engineering, University of Cincinnati, and founder of the co-operative system of education. The article accompanying the picture was headed, "Co-operative Plan Has Revolutionized Engineering Course," and under the heading was the sub-title, "Greatest Educational Step in 800 Years." One paragraph of the article reads as follows:

"Dean Schneider established his co-operative system of education whereby a student receives practical as well as theoretical training at the University of Cincinnati in 1906. At that time his plan was not favorably received by educators in

America. Since then, his system, known as the "Schneider plan," has been adopted by leading institutions in America and Europe."

We aim to give BULLETIN readers a variety. Having quoted newspaper articles about a Lehigh leader in the steel industry and another Lehigh leader in education, we will now turn to the *Washington Herald* of March 16 and quote from an article headed, "Engineer Builds Up Big Chicken Farm." It tells of "one of the largest and most modern chicken farms in this part of the country," which is owned by James DuBose Ferguson, '94. The article says, "The proprietor of 'On the Hill' holds a degree of Civil Engineering from Lehigh University. After his course at Lehigh he began to practice his engineering profession and for years was with the Pennsylvania Railroad. About ten years ago he decided to go into the chicken business." One startling statement is that "Bose" can hatch 25,200 chicks at one time in his specially designed incubators.

LEHIGH MEN, BEWARE!

Once again the BULLETIN issues warning against the panhandler who, trading on his knowledge of Lehigh and Bethlehem and generally using the name of one of our graduates, has victimized a number of Lehigh's alumni. The latest victim is Johnny Best, '95, of Wapato, Wash., a famous end-rush on Lehigh's football team in '93 and '94. The grafter who approached Johnny was evidently the same one we have heard of before, for he used his old story of an auto break-down and his necessity of reaching quickly "Victoria, B. C., to install a pumping plant for that city." As he has done of several other occasions, he used the name of C. E. Moyer, M.E., '17, who, by the way, is located in Tucson, Ariz., where he is a real-estate broker. Moyer would give a good deal to see this chap laid by the heels and so would I. Here's hoping the next Lehigh man he tries to borrow money from calls in the police.

Don't loan money to unidentified men because they claim to be Lehigh men. This is an old game worked by sharpers on the alumni of all colleges.

Helps to Frame Football Rules

One of the prominent members of the Rules Committee twenty years ago was Paul Dashiell, a star on Lehigh's teams in '89 and '90. Lehigh has had no representative on the Rules Committee since Dashiell's time and but last year Walter Okeson was elected one of the Advisory Committee of officials, which committee, consisting of Okeson, of Lehigh, and Morice, of Pennsylvania, aids the Rules Committee in their yearly work of revising the rules of football. On March 21 and 22, the Committee met at the Biltmore Hotel, New York City, and Okeson, in his capacity as President of the Eastern Association of

Intercollegiate Football Officials, brought before the Rules Committee a number of suggestions as to changes, most of which were adopted.

PHILADELPHIA LEHIGH CLUB

The regular Spring Meeting of this club was held on Friday evening, March 28, at 8.15 o'clock, in the University Club in Philadelphia. Dean Charles M. McConn spoke on "Student Life at Lehigh in 1924." Buchanan, our Assistant Secretary, was scheduled to attend this meeting, but when I tell you that a daughter was born to Mr. and Mrs. A. E. Buchanan at 9 o'clock, Friday evening, March 28, you will understand that he was conspicuous by his absence. As "Berny" hasn't written me and as "Buck" was elsewhere, I have no account of this meeting to dish up to BULLETIN readers.

Wants a Job in the East

F. C. Ryan, Met.E., '05, formerly Sales Manager, Southern Phosphate Co., 25 Broad St., New York City, is at present located at 715 Fremont St., South Pasadena, California. He wants to come East again and is looking for a position as "Sales Manager—chemicals, pigments and allied lines. Experienced also in ferro alloys and non-ferrous metals. Open for position May 1st, preferably metropolitan district."

LEHIGH MEN WHO WRITE

Engineers and Engineering for March, 1924, carries an article by J. W. Ledoux, C.E., '87, Consulting Engineer, of Philadelphia, Pa., on "The Coal Mine Drainage Contamination of Water Supplies." This paper was originally presented at the Conference on Pollution of Streams, held at the Engineers' Club, of Philadelphia, on October 16, 1923, and had especially to do with the problem of obtaining satisfactory water for domestic and industrial uses in the coal mining regions.

In the March issue of *The News Letter* of the Princeton Engineering Association, the subject matter of Lehigh Leaflet No. 4, "The Shortage of Engineers," by C. Philip Coleman, '88, President of the Worthington Pump and Machinery Corporation, is quoted from so extensively as to almost reproduce verbatim the subject matter of this leaflet.

An interesting and important brief by Edwin J. Prindle, M.E., '90, a leading patent attorney of New York, has recently been published. This brief was submitted by Prindle as *Amicus Curiae* before the Supreme Court in order to determine a rule as to the time within which an applicant for patent may copy claims from a patent granted to another, and may test the question of priority of inventorship of said claims.

The latest edition of the Gold Star List of good fiction, issued from the Syracuse Public Library, carries a unique cover, drawn by Paul M. Paine, '91, the librarian. The drawing is a map of the United States, showing some of the good story areas of the country. For instance, Br'er Rabbit's Brier Patch is definitely located down in Georgia, Judge Priest's court is shown in Kentucky, and across "Mark Twain's River" is dotted the route of the "Covered Wagon" out past Deadwood Dick's lair to Jack London and Joseph Conrad's ocean.

N. H. Heck, '03, Chief of the Division of Terrestrial Magnetism of the U. S. Coast and Geodetic Survey, who is also our Seagoing Endowment Chairman, sends a copy of Special Publication No. 96, "Instructions for the Compensation of the Magnetic Compass," with the comment: "You won't find it quite so deep as my brother's, one of which you "reviewed" in the last BULLETIN." The "quotes" around "reviewed" made me feel a little guilty, so I spent two hours reading this latest Heck treatise and there are some things in it that look familiar. For instance, there are several of those iron filings things with magnets—you know what I mean, they look like a nicely finished surface of hard-wood with a couple of knots in the middle. Seriously though, it is an interesting booklet, written in a very clear and practical style as a guide to ships' officers in keeping the compass adjusted sufficiently to meet the demands of hydrographic and magnetic surveys.

McGraw-Hill has just published a new text book on Elementary Chemical Calculations, treating the subject commonly called Stoichiometry. It is called "Chemical Calculations" and its joint authors are two Lehigh professors, Dr. J. S. Long (Lehigh, '14) and Professor H. V. Anderson (Univ. of Mich., '12).

School and Society for February 16, 1924, features an article on "Statistics of Registration in American Universities and Colleges," by Raymond Walters, '07. Summaries and tables of statistics from 151 universities and colleges are given and the conclusion drawn that the increase in attendance has moderated to about the pre-war rate.

R. G. Kirk, Met.E., '05, had a story in the March 15 issue of *Colliers*, entitled, "Tanghin." In this our old friend "Shine" departs from favorite subjects of dogs and steel mills and hies himself for subject matter and location to the Indian Ocean. There on the shores of Madagascar he lays his plot and weaves a tale of adventure

easily on a par in interest and excitement with any he has heretofore produced. The Hova shark-maiden—the savage Sakalavas, age-old enemies of the Hovas—crocodile river gods—crashing surf on coral reefs—a beautiful Creole—insidious poison—blood-curdling hand-to-hand fighting. All the elements are there, and are handled by a master. Indeed, in my humble judgment this is easily the best piece of writing that Kirk has done.

In the March number of *The Journal of the National Education Association*, we find an article by Raymond Walters, B.A., '07, Dean of Swarthmore, on "Summer School Attendance, 1913-23." This informative article shows an increase in summer school attendance at 23 colleges and universities from 27,640 students in 1913, to 74,436 students for 1923. An increase of 151 per cent. in ten years would indicate the growing importance of summer courses at colleges.

A New Book by Mrs. Ezra Bowen

Catherine Drinker Bowen, wife of Ezra Bowen, '13, and daughter of Dr. Henry S. Drinker, '71, President Emeritus of Lehigh, is the author of a delightful little volume just published, called "The Story of the Oak Tree." This book is one of a series for school children, which is being published by the Chemical Publishing Co., of Easton, Pa., which company is headed by Prof. Hart, of Lafayette. Mrs. Bowen's book is written to give "a complete illustration of that underlying fact in nature, the interdependence of all things." While written for children, it is well worth an hour's time by older readers, for this is more than the story of an oak tree—it is the story of all living things.

BIRTHS

Class of 1912

A mis-print in the last issue of the BULLETIN noted the birth of a son to Mr. and Mrs. J. W. Miller, of East Orange, on February 15, 1924. The proud parents are really Mr. and Mrs. J. W. Milnor, and we offer apologies to them as well as to Milnor, '45.

Class of 1913

To Mr. and Mrs. Robert Clement Watson, of Washington, D. C., a son, Robert Clement Watson, Jr., on March 22, 1924.

Class of 1918

To Mr. and Mrs. A. E. Buchanan, Jr., of Bethlehem, a daughter, Barbara, on March 28, 1924, in Philadelphia.

Class of 1920

To Mr. and Mrs. Philip D. Greenstein, of Bridgeport, Conn., a son, Albert Herbert Greenstein, on March 11, 1924.

Class of 1921

To Mr. and Mrs. John J. Shipherd, of Elkins Park, Pa., a son, John Jay Shipherd, 4th, on March 12, 1924.

Class of 1922

To Mr. and Mrs. C. P. Gooding, of Wilmington, Del., a daughter, on March 16, 1924.



Entrance to General Electric Company's
works in Schenectady

“And I am with the doers”

Time was when war called the ambitious and offered life's great rewards. But the captains and the kings passed. The enduring conquests of our times are being made in industry.

Through the wide doors of General Electric plants and offices an army of 100,000 men and women moves every day. Each of them, looking back over the road, can say:

“Things worth while are being done in my lifetime, and *I* am with the doers.”

GENERAL ELECTRIC

DEATH

George Lewis Cummins, '70

George Lewis Cummins, '70, died on March 8, 1924, in Philadelphia, of congestion of the lungs. Cummins was with the Bureau of Surveys of the City of Philadelphia and would have completed thirty years of continuous service there this May. He was a brilliant mathematician and a man of recognized ability, although of a quiet, retiring disposition.

PERSONALS

Class of 1872

Friends of J. S. Polhemus have noticed that no address was given for him in the last Alumni Directory. The omission was an error, for Polhemus is in the U. S. Engineer's Office, 216 Post-office Building, Portland, Ore., and has been located there for years.

Raymond F. de Miranda is Secretary of the Engineers' Club of Rio de Janeiro, Brazil. His address is Avenita Rio Branco 124.

Class of 1874

50-YEAR REUNION, JUNE 7, 1924

The three guarantors for '74, who have put the Class at 75% active membership, constitute the 50-Year Reunion Committee. They will stage what promises to be one of the largest and finest golden jubilees ever put on at Lehigh and hope to bring their class percentage up to 150 by June.

Class of 1879

45-YEAR REUNION, JUNE 7, 1924

The 100% class is now on the job to make as good a bid for the attendance cup on Alumni Day. Since there are only two men on their official class list located in this country, they plan to draft some of the seventy-niners who have slipped from the official list. "Pay your dues and come back—well, anyway, come back," is their slogan. Those present this year will be elected to the committee to prepare for the 50th, and will receive all manner of other good things.

Class of 1884

40-YEAR REUNION, JUNE 7, 1924

'84 is keeping the details under cover, evidently intending to spring a complete knock-out on the 6th and 7th. But little things leak out now and then. The Hotel Bethlehem blames the shortage of rooms for that week-end on a fellow named Parker-Smith, who wants to reserve the whole hotel. So there's something doing!

Class of 1889

35-YEAR REUNION, JUNE 7, 1924

Already the ball is rolling at Bethlehem preparatory for '89's reunion. Arch Johnston, our Class President for life, is right on the ground and attending to our interests. He has already engaged a banquet room for us at the Hotel Bethlehem and reserved a number of rooms there for members of our class. We are going to make our attendance this year as near 100% as possible. There will be big doings, don't miss it.

WM. A. CORNELIUS, Secretary.

Class of 1890

Our hearts go out to H. F. Pfeuger, who has been critically ill for three months and is left an invalid. Dr. Pfeuger has always been a staunch supporter of old Lehigh's and his classmates and friends will sorrow in his misfortune. His home is at 1511 N. 7th Street, Philadelphia, and he might appreciate a word of cheer from Lehigh friends.

Class of 1892

John C. McKean is a bond salesman with Biddle and Henry, Investment Securities, Philadelphia.

Class of 1894

30-YEAR REUNION, JUNE 7, 1924

Rumor has it that the Lincoln Iron Works has landed a contract for 66 suits of armor to be delivered in Bethlehem, June 6, 1924. There are

sixty-six members in '94 and it seems to me that "Beiny" is connected with that company. 'Course, it may be just rumor, but it sure sounds like there might be some connection with '94's 30-Year Party. One thing is sure, though, '94 is taking no chances on going hungry (I almost said "dry") for their reservations have been made for a year. The individual members will do the rest.

Class of 1895

C. Kemble Baldwin, Vice-President of the Robins Conveying Belt Co., sailed on April 2 for a trip to England, France and Spain. He has offered to look up Lehigh men in these countries in the interest of the Endowment Campaign.

R. B. Brinsmade is still down in Mexico City. He writes to advise that he has moved to Calle Apartado No. 27.

Class of 1896

E. M. Durham, Jr., who was Chief Engineer of the Southern Railway Co., has gone out to St. Louis as Assistant to the President of the Missouri-Pacific Railroad, who, by the way, is L. W. Baldwin, '96.

Class of 1897

S. P. Senior, President of the Bridgeport Hydraulic Co., was elected President of the newly organized Central Fairfield County Forest Protective Association at its organization meeting on March 6.

Class of 1898

The front page of the Philadelphia *Public Ledger* of March 17 was adorned by the smiling face of Alanson O. Bailey, '98, who is rector of the Holy Trinity Church in Collingswood, N. J. This distinction was the result of exceptional poetic (?) ability demonstrated by supplying the best last line to an uncompleted "lim'rick" and thereby winning a prize of \$100. The completed lim'rick follows:

There was an explorer named Britt,
Who packed up his traveling kit;
And he said, "Where I go
There'll be no ice or snow,"
I don't swear, so I can't answer it.

Class of 1899

25-YEAR REUNION, JUNE 7, 1924

For live-wire reunion committees, '99's put in a strong bid for top place. Three of them are meeting and laying plans for a real epoch-maker. "Pop" Klein is right after you on the dues campaign. He deserves your encouragement if you haven't sent it in yet.

Class of 1902

Irad Hawley, Jr., is Secretary-Treasurer of the Sylan Packing Corp., Higgins Bldg., Los Angeles, Cal. "Slim" Wilson writes that "the principal product of these people is olives, and I accused 'Pink' of being interested in this line because olives get pickled, too."

Class of 1904

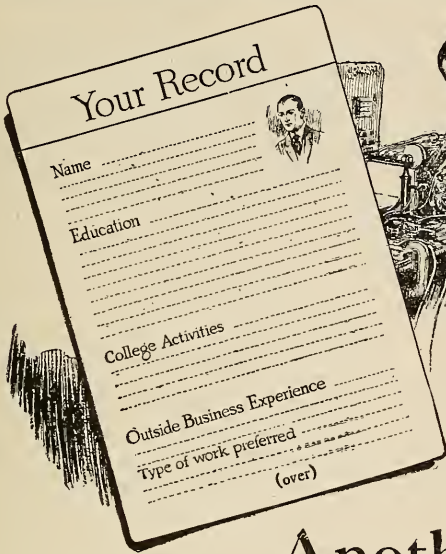
20-YEAR REUNION, JUNE 7, 1924

Charlie Carr's acceptance as a member of the committee on costumes came just too late to get in the last BULLETIN. But he is on it, with George Bailly and Henry Campbell, so you can bet your boots that '04 will come back properly decked out. Parke Hutchinson still has a few rooms available for '04 men at the hotel, so you fellows who haven't made sure of a bed had better drop him a line, pronto, care of Bethlehem Fabricators. The main point at issue with '04's committee is the style of engraving they will use on the attendance cup. This important question will be settled before June, however, as the committee will not permit business to interfere with the pleasure that is coming to every naught four man on June 7.

J. E. Sheesley, formerly Vice-President of Cox and Co., of Newark, N. J., is with James R. Sayre, Jr., and Co., of 130 Branford Place, Newark.

Class of 1906

The sympathy of the Class goes out to L. G.



Your Record

Name _____

Education _____

College Activities _____

Outside Business Experience _____

Type of work preferred _____

(over)

Another call for candidates

In this season of try-outs, seniors will do well to respond to the call for candidates which progressive business organizations are making.

The visit of the various company representatives offers a mutual opportunity. It puts you in position to judge whether a particular company offers sufficient scope to your ability and ambition. The representative can judge, after conversing with you and studying your record, whether you would be well placed in his company.

Do not ignore the invitation to these interviews. Do not be one of those—and they are many—who next Fall will write to the larger companies, “At the time your representative visited my college I did not think that I was interested in the work of your company and so did not meet him”.

Men who are earnest in wanting to make the team usually respond to first call.

Western Electric-Company

This advertisement is one of a series in student publications. It may remind alumni of their opportunity to help the undergraduate, by suggestion and advice, to get more out of his four years.

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R. F. Golden
Georgia Tech. '11

F. J. Gerhard
Lehigh '13

W. R. Hillary,
Pennsylvania '97

Meyer in the loss of his father, P. A. Meyer, who died on March 20.

Class of 1907

E. P. Hulse, formerly with the Trumbull Steel Co., of Warren, Ohio, has been made Chief Engineer for the Newton Steel Co., of Youngstown.

J. C. Sandorf, long lost to our w.k. records, has turned up in Brooklyn, where he is in the electrical contracting business.

"Ray" Walters, Dean of Swarthmore College, spoke on the radio from WFI the other night. "Ray" is planning a trip to England this summer to study the system at Oxford and Cambridge in connection with the Honors courses at Swarthmore.

Class of 1909

15-YEAR REUNION, JUNE 7, 1924

See the 1909 line! Is it a long line? Yes, it is longer than it was last month! Will it grow longer? Oh yes, it will grow right off the page pretty soon now. What makes it grow? Oh, every man tacks on a little piece. Why do they tack on little pieces? So that when Alumni Day rolls along they will be just as proud of their class record as they are of their reunion turn-out.

Remember, the third floor of the Hotel Bethlehem is reserved for '09, in case anybody can spare the time to sleep. '14 is itching to get some of those rooms away from us, so lay your plans early and let Petty know when you'll arrive in town.

Class of 1910

C. W. Martin is senior partner of the Martin-Ross Dodge Agency in Fort Smith, Arkansas.

Class of 1911

M. L. Vincente, formerly with the Porto Rico Irrigation Service is now with the Loiza Sugar Co., in Canovanas, P. R.

P. A. Witherspoon is Chief Engineer for the Carnegie Coal Co., 719 Oliver Bldg., Pittsburgh.

Class of 1912

F. W. Davis, who was with the Franklin Railway Supply Co., in New York, has gone to Washington as metallurgist for the Bureau of Mines.

Chester A. Gauss has left S. K. F. Industries to accept a position with Ray D. Lillibridge, Inc., Engineers and Advertising Agents, 111 Broadway, New York.

R. J. Hank is with the Bass Huerter Co., in San Francisco.

Class of 1913

S. D. Williams, formerly Superintendent of the open-hearth plant of the Central Iron and Steel Co., of Harrisburg, is now with the Pittsburgh Crucible Steel Co., at Midland, Pa.

Class of 1914

10-YEAR REUNION, JUNE 7, 1924

EVERYBODY BACK!!

The way responses are coming in to our initial circular and poster indicates that about 75% of the Class of 1914 will be back to celebrate its TENTH. This condition is really alarming, as your Committee is all het up looking for a hall large enough to accommodate the returning hordes. But (in the cute phraseology of 1918's Sec.) never fear, dear Classmates, you Committee will take care of you. We have practically signed up for a hotel, for our own special and private use, situated in one of the most charming spots in this vicinity. And the grub, fellows! Oh! Boy. Good stuff and lots of it.

Let your hands not be weary. Pick up your pen once in awhile and drop us a line of suggestions.

Watch your mail closely for further announcements.

10-YEAR REUNION COMMITTEE,

Walt Schremple,
Dick Gifford,
Steve Burns,
Hunt Weber,
Bill Todd,
Sam Quast,
Geo. Flick.

Special to the BULLETIN—

"Since our last dispatch a special correspondent has been assigned to cover this case. Investigating still further the rumors last reported he has unearthed the fact that never since the organization of the Lehigh Alumni Association has it been so thoroughly stirred as by the threats of various Classes to prevent the Class of 1914 from outshining all past, present and future attempts at celebrating a Reunion. The 1914 Committee is giving out no information but our reporter has discovered plans afoot that are positively amazing. It has also been intimated that the Alumni Association has given out the contract for having 1914's numerals engraved on the Cup for greatest attendance, thus putting to rest all assertions made by the Class of 1904.

We can guarantee our readers that this case will be followed up most thoroughly to its inevitable conclusion."

—National Bladder.

GUARANTEE CAMPAIGN NEWS

Well, Fellows, this month's table shows a considerable improvement over last month's record but not enough for a 10-Year Reunion Class. Honest, fellows, sometimes I almost throw up my hands in despair of making you realize how much the Reunion Committee needs your encouragement at this time. We have just mailed out a fresh batch of bills and I hope they will be the last. My stenographer is getting tired of this steady grind and remarked that "the members of the Class of 1914 must certainly be driven for their dues and subscriptions." Of course, being a loyal 1914'er I couldn't openly agree with her. But what do you say?

SCHREMPPEL.

D. S. Aungst writes that he is well and happy with his "pair of the nicest kids—girl and boy." He says he saw "Joe" Parks the other day, and reports that he is getting along fine.

Class of 1915

Perry M. Teeple, Associate Professor of the School of Engineering, at the University of South Carolina, made an address on "Some Aims in Teaching Mechanical Drawing" before one of the departments of the State Teachers' Association at its annual convention on March 13, in Columbia, S. C. Perry was appointed chairman of a committee to draft a syllabus for high school courses in mechanical drawing throughout the State.

Class of 1916

Lost: W. H. Alexander, M. O. Andrews, A. F. Benson, G. S. Borden, A. T. Bragonier, W. C. Cahall, T. Forstall, L. E. Grumbach, J. B. Hill, E. L. Kirkhuff, C. O. Spitzer, J. M. S. Waller, C. H. Thomas.

If anyone knows the whereabouts of any of these fellows, please send the dope to E. J. Clement, 160 Claremont Ave., New York, or to the Alumni Office.

"Doc" Keiser is expected back from his sight-seeing expedition to South Africa this month.

Ethelbert Talbot, of the U. S. Marine Corps, has been transferred from Haiti to the Navy Yard at Philadelphia.

Class of 1917

"Ady" Bach has left the Atlas Crucible Steel Co., and is back in Boston, with Henry Disston and sons.

H. E. Durell is located in Atlantic City, N. J. The information on his Endowment subscription card was the first news we've had from him for some time.

H. J. Sloman is lost. Has any one seen the "Fair Co-Ed"?

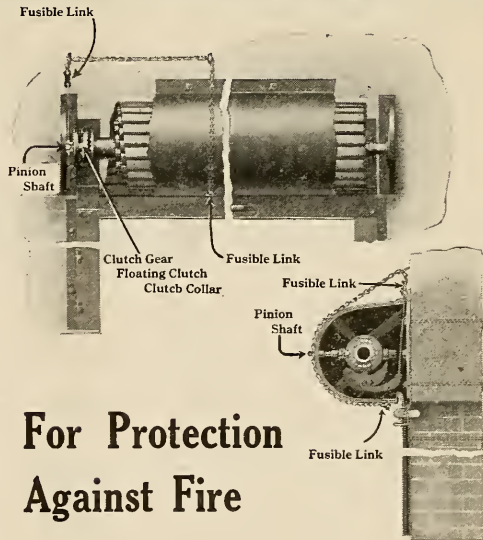
Class of 1918

J. L. Foster, Jr., is with the Warren Tool and Forge Co., Warren, Ohio.

Class of 1919

5-YEAR REUNION, JUNE 7, 1924

Will you be back in June to the Reunion? If so send your name at once to H. D. Ginder, 248 W. Broad Street, Tamaqua, Pa. It is going to be a bang up reunion and you will miss the most



For Protection Against Fire

If your openings are protected with Wilson Underwriter Rolling Steel Doors, the fusing of a link at a temperature of approximately 160 degrees will release the automatic device and close the doors.

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L. Bevan, '21

fun since the opening night scrap if you are not there. Ask your boss now for time off to go back to Bethlum.

W. P. Amick reports that he has left the Edward Valve and Manufacturing Co., and is now selling the steam products of the Strong, Carlisle and Hammond Co., for their Metropolitan agents, Warren, Rillion and Clarke Co., Inc., 30 Church Street. He admits that he's getting fat.

R. W. Ludlow has been transferred to the Newark office of the Great A. and P., and is glad to be "nearer home."

G. E. Weber has left Burkburnett, and is now with the Texhoma Oil and Refining Co., in Electra, Texas.

E. F. Whitney, who is with the Westinghouse Co., has been in Chicago during the winter. He reports that he will be back East in June and will be on deck at the reunion.

DORRANCE AND COMPANY, General Book Publishers, wish to announce that they offer an unusual service to authors of works of a scientific or literary nature. Manuscripts on any subject receive prompt and careful attention; books are expertly edited and are produced in substantial library or other standard format. A short treatise will receive as serious consideration as an exhaustive study.

Editorial Rooms:

308-310 Walnut Street, Philadelphia
D. G. Baird, '14, Sec'y.

C. F. Yard is with the New Jersey Highway Department, in Trenton, N. J.

Class of 1920

W. R. Allgaier is in the Commercial Engineering Department of the Bell Telephone Co., and living at 168 Frazer Ave., Collingswood, N. J. When he is not on the job, estimating the future demand for telephones, he is busy tending his garden and the chickens.

E. W. Caswell is with the Eugalia Lumber Co., at Kelso, Wash.

R. C. Cory is a student engineer with the York Mfg. Co., York, Pa.

Jerry Mieldazis, who is in Jerusalem, Palestine, has written some mighty interesting letters to "Dutch" Glazer. Why not write one for the BULLETIN, Jerry?

Mersfelder sends in his dues with a copy of "Merc" Tate's letter to the Class. He drew a ring around one of "Merc's" \$1.50 words—"inadvertence"—and noted on the margin, "that's it."

J. A. Wensk is with the Western Electric Co., in Philadelphia.

Class of 1921

"Gene" Burgess writes that Carl McKenzie '22, who is now at Harvard, is coming back for Alumni Day and adds, "Gee, I just know I've got to get back—whether or no."

"Jimmy" Skillman has left the G. E. Co., and is Engineering Assistant, with the Public Service Production Co., Room 823, Public Service Terminal, in Newark, N. J.

W. K. Whitman, who is connected with the Oil Insurance Association of Tulsa, Okla., is in Chicago at present, on business for this Association. He expects to return to Tulsa this month.

Class of 1922

R. F. Cahill is in the Pittsburgh Office of the General Electric Co., and is living at 165 Morewood Avenue.

F. M. Huffman has been transferred to the

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This letter is being sent only to a carefully selected list of business men—Presidents and business heads, controllers, general managers, and other men whose education and training indicate their probable need for increased business knowledge and self-assurance.

You may receive this letter. If you do, read it thoughtfully. It may mean much in your future earning power. If you do not, it may be, of course, only because we have not been given your name.

In any event, we suggest that you take this opportunity to get your copy of "A Definite Plan for Your Business Progress." A copy is ready for you; the coupon at the foot of this page will bring it at once, and without the slightest obligation. If you have ever asked yourself, "Where am I going to be in business ten years from now?"—send for it today.

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Chicago Sales Office of the Bethlehem Steel Co., Peoples Gas Building.

James F. Marshall, who is with F. W. Woolworth Co., tore his ankle just before Christmas and reports that "he is just getting on his feet again." Hope the expression is figurative, not literal.

Class of 1923

1-YEAR REUNION, JUNE 7, 1924

Art Cusick dropped in the office the other day to report that he is rounding up the old crowd in good shape and guarantees that '23's showing on June 7 will be in keeping with her record in the Guarantee Plan and the Endowment Campaign. That's saying a mouthful, and it behooves some of you older reunion classes to keep a weather eye open for this dark yearling.

L. K. Harkins is teaching at the East Pittsburgh Junior High School, and living at 1612 West Street, Homestead, Pa.

P. H. Hartung is with the Public Service Corporation, 80 Park Place, Newark, N. J.

The Class will sympathize with C. A. Hibler in the loss of his father, about a month ago. Hibler is with Kingan Co., wholesale meat dealers, and lives in Camp Hill, Pa.

A. H. Hitchner is out in Grass Valley, Calif.

E. E. Roberts is winning recognition as a "comer" in Dunmore, Pa., where he is managing the business founded by his father, manufacturing cemetery memorials. His father died shortly after Roberts left college and he stepped into the breach at a time when the company was just taking over the business of Owens Bros., in Dunmore, so that it fell to his lot to complete that transaction and to start the new organization in operation. His headquarters are at 130 Warren Street, Dunmore.

Russell Ruba is located at 40 Angell Street, Providence, R. I.

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The father and mother who plan ahead, and who know that they will have a definite sum of money at hand when their children reach "college age" and the larger expenses begin—and that this sum is assured whether they live or die—have an inward sense of safety that cannot be taken away. Children who see the bright future of college have an added eagerness to prepare for this future.

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INDUSTRIAL LIGHTING CODES

In order to protect workers from accidents and eye sight damage, no less than five states, New York, New Jersey, Pennsylvania, Wisconsin and Oregon have now in force lighting codes for industrial establishments. Other states are now considering the adoption of an industrial lighting code, and it seems only a question of time when all the states will adopt such a code.

Proper lighting of work places is not only of great importance to the operators working therein, directly affecting their safety and eyesight, but it is a factor of equal importance to the employers, as quality and quantity of output are deciding factors of profit or loss in the operation of the plant.

The introduction to the Wisconsin code reads as follows: "Insufficient and improperly applied illumination is a prolific cause of industrial accidents. In the past few years numerous investigators, studying the cause of accidents, have found that the accident rate in plants with poor lighting is higher than similar plants which are well illuminated. Factories which have installed approved lighting have experienced reductions in their accidents which are very gratifying.

"Of even greater importance, poor lighting impairs vision. Because diminution of eyesight from this cause is gradual, it may take the individual years to become aware of it.

"This makes it all the more important to guard against the insidious effects of dim illumination, of glaring light sources shining in the eyes, of flickering light, of sharp shadows, of glare reflected from polished parts of work. To conserve the eyesight of the working class is a distinct economic gain to the state, but regardless of that, humanitarian considerations demand it.

"Finally, inadequate illumination decreases the production of the industries of the state, and to that extent, the wealth of its people. Factory managers who have installed improved illumination, are unanimous in the conviction that better lighting increases production and decreases spoilage."

The Wisconsin Commission has adopted a rule to the effect that, "diffusive or refractive window glass shall be used for the purpose of improving day light conditions or for the avoidance of eye strain, wherever the location of the work is such that the worker must face large window areas, through which excessively bright light may at times enter the building."

A glass is now available which meets the above requirements. It properly diffuses the light and prevents sun glare passing into the building and is known as Factrolite.

Engineers of today are making a thorough study of illumination, so that they may be able to plan and lay out industrial plants, to scientifically increase their efficiency to as near the maximum as possible. This accomplished the engineer is not only doing something worth while for his employer, but is doing quite as much for himself by coming into prominence with modern ideas.

If you are interested in the distribution of light through Factrolite, we will send you a copy of Laboratory Report—"Factrolited."

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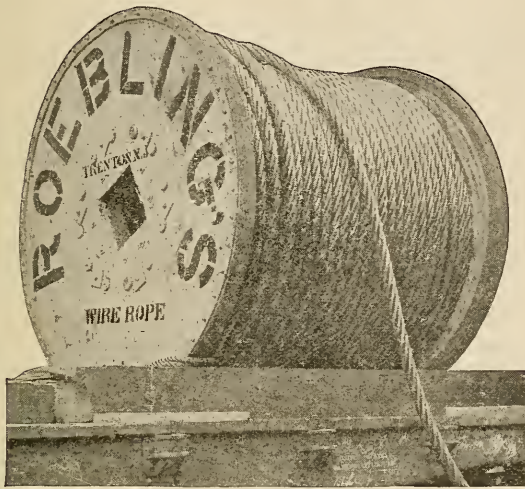
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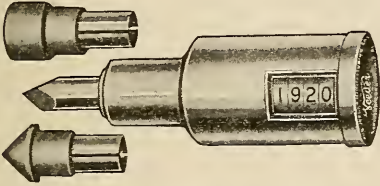
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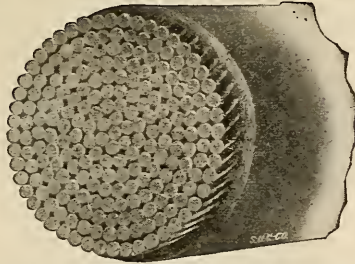
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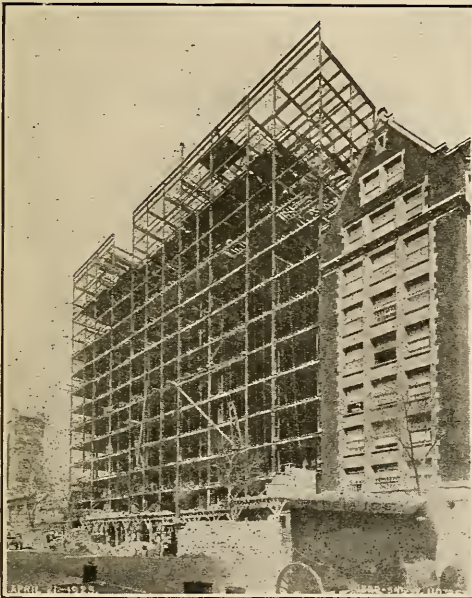
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